

NOTE FROM THE EDITORS

Our Annual Report for 2010-11 makes an attempt to offer our valued stakeholders – students, their parents/guardians, sister universities in the state and the country, and other funding agencies including the State Government, the UGC etc a good idea of what we have done as a University during the year in question.

We have always had our share of good fortune in finding all the officers of the university and the personnel at all rungs in the university administration quite helpful in our work even this year. So did we continue to receive full support and cooperation from the authorities in the University. We record our gratitude and sincere thanks to all of them.

Each of the members on the editorial board: Professor S J Bhatt, Professor D K Raval, Ms Jyoti Tiwari, Mr Bharat B Patel, Mr Mayank V Bhatt, have contributed wholeheartedly in the collection and collation of the data presented in this report. Mr Varun Patel and Dr. D. J. Karia timely technical support helped accelerate the pace of the final preparation of this report. Our heartfelt thanks to each of them individually and to all of them collectively.

We take immense pleasure in putting this product of our collective effort in your hands and commend it to you!

Vallabh Vidyanagar
03 March 2012

J H Khan
Chief Editor

EDITORIAL BOARD

- Prof J. H. Khan (Chief Editor)
- Prof S. J. Bhatt
- Dr D. K. Raval
- Dr D. J. Karia
- Ms Jyotiben Tiwari
- Mr Bharat B. Patel
- Mr Mayank V. Bhatt

TECHNICAL ASSISTANCE

- Mr Varun D. Patel
- Mr Rajesh Macwan

Professor Harish Padh
Vice Chancellor
Sardar Patel University
Vallabh Vidyanagar, Gujarat (India)



Foreword

It gives me immense pleasure to take note of the achievements of the university for the academic year 2010-11. This university has complied with every single mandate given by the UGC and the Government of Gujarat both in letter and spirit. The streamlining that I mentioned in my foreword to the Annual Report of 2009-10 is nearing completion. We have taken a good look at the financial health of the university by setting in motion the process of getting our annual accounts audited by independent chartered accountants and hope to be able to complete the process by December 2011/January 2012.

I am proud to put on record that the department of Science and Technology of the Government of India, based on SCOPUS database by NISTADS, has selected Sardar Patel University to receive support of Rs. 6.00 crore under PURSE (Promotion of University Research and Scientific Excellence) programme. This is based on the research performance of the University. I congratulate the researchers in the University for this honour they have brought to the University; and eagerly look forward for more and more achievements by them. The University has started implementing the PURSE programme. I am also happy to note that we have established CISST (Center for Interdisciplinary Studies in Science and Technology) for promotion of interdisciplinary studies and research in science and technology. I envisage that this would go a long way in scientific advancement at SPU

We have tried our very best to make a strong bid for grants from the UGC and other funding agencies for research and development. We were able to attract a grant of Rs.171.00 lac under SAP-DRS for various Departments, and Rs.28.98 lac by university teachers for research projects from the UGC. We received a total amount of Rs.569.08 lac as grants by for university Departments and university teachers for research projects from other agencies of the Government of India. We also attracted grants worth Rs.24.68 lac for research projects by various university teachers and for other academic activities by institutions from the State Agencies and Organisations.

What caps this achievement is a special grant of Rs.250.00 lac to the University by the Department of Higher Education, Government of Gujarat awarded, with Rs.150.00 lac for work toward becoming a world-class university during the academic year 2010-11, and Rs.100.00 lac for the development of the infrastructural facilities to ensure a smooth implementation of the CBCS (Choice Based Credit System) which was introduced during the academic year 2010-11. During the present year we have brought out relevant academic reforms pertaining to teaching and research consistent with CBCS.

During August 2011, we have hosted a visit to the University by the NAAC peer team for reassessment and reaccreditation of the University which was sent by NAAC in response to the appeal made by the University against previous reaccreditation. I am happy to note that the CGPA awarded by NAAC as a result is 2.83 on four point scale valid up September 16, 2016.

Students were not far behind in their achievements. 5 students from Mathematics cleared UGC-CSIR-NET-JRF examination. 1 student from Mathematics joined HRI Allahbad, and 1 student from Physics joined PRL Ahmedabad. 77 students of the Department of Chemistry faced a campus interview and were recruited by industries like Torrent Pharmaceuticals LTD, INDRAD; Transpek, Vadodara; Asian paint, Ankleshwar; Oxygen healthcare Research Pvt Ltd; Zydus Research Centre, Ahmedabad; Cadilla Healthcare Ltd, Ankleshwar; Rubamin Ltd, Halol; ESSAR, Jamnagar; John Deere, Pune; Ratnamani Metals and Tubes Ltd, Anjar; Solvay Specialties India Pvt. Ltd; and Jubilant Pharmaceuticals Ltd. 25 students from the earlier batches from the Department of English cleared the written Examinations and interviews conducted by the GPSC during the year for recruitment as Assistant Professors in Government Colleges and 16 of them got their new postings in Engineering Colleges in March 2011.

I congratulate the members of the editorial board for preparing this annual report, and all sections of the university in helping this report its final shape.

Vallabh Vidyanagar
03 March 2012

Harish Padh

OUTSTANDING ACHIEVEMENTS OF THE UNIVERSITY

- The first and only University in Gujarat to have the distinction of being recognized as a **Centre of Excellence in Applied Polymers** by the UGC amongst **17** Universities out of **324** Universities at that time in India.
- Special grants recently allotted to the University for R&D during the year:
 - 600 lakh from the DST under PURSE programme based on the research performance in last ten year.
 - 100 lakh from the UGC for infrastructure development.
 - 100 lakh from the UGC additional grant, over an above 11th Plan allocation of ₹. 1238.75 lakhs.
 - 150 lakh from Government of Gujarat as an initial grant towards making SPU a World Class University.
 - 100 lakh from Government of Gujarat for smooth implementation of CBCS (Choice Based Credit System).
- The first and only University in India to publish '**Gnyan Gangotri**' – a series of 30 volumes in Gujarati of an '**Encyclopaedic**' nature, scholarly yet popular compilations encompassing varied disciplines.
- The first University in Gujarat to be awarded EDUSAT by CEC, New Delhi.
- The first University in the state of Gujarat and Rajasthan to volunteer itself for assessment and accreditation by the NAAC, and to be conferred upon a Four Star Rating.
- The first University in the state of Gujarat to present itself for Re-accreditation by the NAAC in February 2009.
- The first University in India to sign a memorandum of understanding (MoU) with '**Prasar Bharati**' for setting up a **Community Radio Station** on the SPU campus.
- The first and only University in Western India to have been awarded the continually developing **DAE-NBHM National Scheme of Regional Library in Higher Mathematics**. The grant received so far is around 200 lakh.
- The only University in Gujarat, which has established and runs a **Community Science Centre**.
- One of the few of the most distinguished Universities in India to successfully execute the prestigious Campus Diversity project, sponsored by the Ford Foundation, New York.
- A unique University to have 9 of its 25 P. G. Departments recognised by the UGC under UGC-SAP for their performance in research and teaching during the year 2010-2011.
- Two UGC CAS Department of Material Science and Department of Economics.
- The PURSE grant from DST New Delhi, the department of Science and Technology of the Government of India, based on SCOPUS database by NISTADS, has selected Sardar Patel University to received support of Rs. 6.00 crore onward promotion of University Research and Science excellence. This is based on the research performance of the University. The programme has been implemented.
- The University was re-accredited in March 2008 with CGPA 2.75. Not having been satisfied with, in 2009 the University has gone in to the appeal to the NAAC. The NAAC send committee to the University during August 3-6 August 2011 for reassessment and re-accreditation. On the basis of this, the NAAC has re-accredited the University with CGPA of 2.83 on 4 Point scale at B Grade valid up to September 16, 2016.

GENESIS OF THE SARDAR PATEL UNIVERSITY

- 1942: Sardar Patel inspired Bhaikaka (Bhailalbai Patel) to take up social services for development of rural India.
- 1943: Bhaikaka joined Charotar Education Society as Chairman: the idea of establishing Rural University (Vidyapith) was conceived.
- August 1945: Charutar Vidya Mandal was established.
- September 1945: Charotar Grammoddhar Sahkari Mandal was established.
- Farmers contributed around 500 Acres of lands initially.
- Participation of farmers through a scheme of enlightened self-interest: 1/10 of the donated land was returned back to the farmers as a residential plot.
- Shri Indulal Yagnik suggested the name of the township: **Vallabh Vidyanagar**.
- March 1946: Bhaikaka & Bhikhabhai Patel started living in Vallabh Vidyanagar.
- April 1947: Shri Vithalbai Patel Science College inaugurated by Sardar Patel, and affiliated to Mumbai University.
- The V.P.Science College started functioning with first lecture delivered by the then Vice-Chancellor of Mumbai University Justice M. C. Chagla.
- 1948: P.G. Programme in M.A. and M.Sc. started in V.P.College.
- 14 June 1948: Birla Vishwakarma Mahavidyalaya (Engineering College) inaugurated by Lord Mountbatten.
- 1949: Colleges of Vidyanagar shifted to Gujarat University.
- 31 October 1955: Sardar Vallabhbai Vidyapith established with Shri Bhaikaka as first Vice-Chancellor.
- After October 1968: The University changed its name to Sardar Patel University.

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PROLOGUE OUR CREDO

MISSION

Regeneration of rural Indian life with the application of the study and research in all the disciplines of knowledge in tune with the modern global developments.

VISION

Sardar Patel University envisages blossoming of human potential through

- Nurturing of talent, skill, and scientific temper.
- Creation of knowledge.
- Incubation of wisdom.
- Sustenance of blithesome spirit.

Toward upholding national pride, international understanding, peace and prosperity by activating engines of academic excellence.

GOALS

- To serve the rural population by providing them with access to higher education.
- To continually explore new frontiers in the areas of Science and Technology.
- To constantly set and reach new levels of achievement in research in areas within Humanities and Social Science.
- To continue to focus on thrust areas in all the disciplines through indigenous research and collaborative ventures at the international level.
- To become a financially vibrant and sound institution of international standard.

WE STRIVE FOR EXCELLENCE, FOR EXCELLENCE MATTERS!

NATIONAL LEVEL DIGNITARIES WHO DELIVERED CONVOCAATION ADDRESSES

- Dr. Rajendra Prasad, Honourable the then President of India
- Dr. S. Radhakrishnan, Honourable the then Vice President of India
- Shri Kanayalal Muni, Well known Gujarati Author, the then Honourable Food Minister of India
- Shri Ashok Mehta, the then Deputy Chairman Planning Commission of India
- Prof.D.S. Kothari, the then Chairman University Grant Commission
- Dr. Raja Rammanna, the then Director, Bhabha Autonomic Research Centre
- Shri Morarjibhai Desai, the then Honourable Prime Minister of India
- Dr. H.N. Sethna, Chairman Atomic Energy Commission
- Shastri Shri Pandurang Vaijanath Athavale
- Dr. (Mrs.) Madhuriben Shah, the then Chairman University Grant Commission
- Justice P.N. Bhagwati, the then Chief Justice Supreme Court of India
- R. Venkatraman, the then Vice President of India
- Dr. Shankar Dayal Sharma, the then Vice President of India
- Dr. V. Kurian, the then Chairman N.D.D.B
- Dr. I. G. Patel, Eminent Economist, Ex-Governor Reserve Bank of India
- Dr. C. C. Patel, Ex-Chairman-Cum- M.D Sardar Sarovar Narmada Nigam
- Dr. Manamohan Singh, the then Honourable Finance Minister Govt. Of India
- Mr. Justice A. M. Ahmadi, the then Honourable Chief Justice Supreme Court
- Dr. R. Chidambaram, the then Chairman Atomic Energy Commission
- Shri Sam Pitroda, the then Chairman, World Tel. LTD
- Dr. A.P.J. Abdul Kalam, the then Scientific Advisor Gov. of India
- Dr. Anil Kakodkar, Chairman Atomic Energy Commission
- Param Pujya Swami Shri Satyamitra Nandji Maharaj, Haridwar
- Shri Narendra Modi, Chief Minister of Gujarat State
- Prof. D. Acharya, the then Chairman All India Council for Tech. Education
- Shri P.K.Laheri, the then Chairman & M.D. Sardar Sarovar Nigam LTD
- Dr. S. Banerjee, Director, B.A.R.C, Bombay
- Shri Ramanlal Vohra, Education Minister, Govt. of Gujarat.
- Shri Rahul Bajaj, Bajaj Auto LTD

OFFICERS OF THE UNIVERSITY

(i) The Chancellor
H. E Dr (Smt) Kamala Beniwal
Governor of Gujarat and
Chancellor of the Sardar Patel University,
Raj Bhavan, Gandhinagar - 382 010

(ii) The Vice Chancellor
Prof. (Dr.) Harish Padh
Vice-Chancellor
Sardar Patel University
Vallabh Vidyanagar - 388 120

(iii) The Deans of Faculties

No	Faculty	Dean	Affiliation	Period
1	Arts	Dr. N. R. Parmar	Principal N.A & T.V.Patel Arts College Vallabh Vidyanagar	9-12-2009 To 08-12-2012
2	Science	Dr. A. R. Jani	Professor Dept. of Physics, SPU Vallabh Vidyanagar	01-06-2009 To 31-05-2012
3	Business Studies	Dr. Ketaki P. Seth	Principal Anand Commerce College Anand	06-08-2010 To 05-08-2013
4	Law	Shri Apurva C. Pathak	Lecturer Anand Law College Anand	06-08-2010 To 05-08-2013
5	Education	Dr. Pallavi P. Patel	Professor Dept. of Education, SPU Vallabh Vidyanagar	01-06-2010 To 31-05-2013
6	Home Science	Dr. Rekhaben Emanuel	Principal S.M. Patel College of Home Science, Vallabh Vidyanagar	01-10-2010 To 30-09-2013
7	Medicine	Dr. S. H. Shrivastava	Professor Pramukh Swami Medical College, Karamsad	01-09-2009 To 31-08-2012
8	Management	Dr. H. J. Jani	Head Dept. of Busi Admin., SPU Vallabh Vidyanagar	06-08-2010 To 02-11-2012
9	Homoeopathy	Dr. V. D. Patel	Professor Anand Homoeopathic Medical College, Anand	01-04-2009 To 31-03-2012

(iv) The Registrar
Shri Tushar Majmudar
I/c Registrar
Sardar Patel University
Vallabh Vidyanagar - 388 120

(v) Heads of University Departments

No.	Postgraduate Department	Name of the Head	Year of Establishment
1	Biosciences	Prof. Dr (Mrs) Kiran Kalia, (M.Sc., Ph.D.)	1958
2	Business Management	Prof. H. J. Jani, (M.E (Mechanical), M.B.A, Ph D)	1989
3	Business studies	Dr. P. K. Rathod, (M. Com, M.Phil., Ph.D., FDP)	1964
4	Chemistry	Dr. H. S. Patel, (M. Sc, Ph D)	1958
5	Computer science	Prof. D. B. Chokshi, (M.Sc., M.C.A Ph.D.)	1986
6	Economics	Prof. H. P. Trivedi, (M.A, Ph D)	1958
7	Education	Prof. M. K. Yagnik, (M.Ed, PhD) Prof. Pallavi Patel, (M.Sc. M.Ed. Ph D)	1988
8	Electronics	Prof. (Miss) Basumati Patel, (M.Sc., Ph D)	1988
9	English	Prof. J. H. Khan, (M.A, MAAL (UK). M.Ed (Eng), Ph D)	1958
10	Gujarati	Prof. B. R. Brahmhatt, (M.A, Ph D) Dr. (Kum.) Pinakini Pandya (M.A, Ph D)	1958
11	Hindi	Prof. N. K. Chauhan, (M.A, Ph D)	1958
12	History	Prof. J. M. Pandya, (M.A, Ph D)	1959
13	Home science	Prof. Rema Subhash, (M.Sc., Ph D) Prof. V. H. Patel (M.Sc., Ph D)	1977
14	Library & Inf. Science	Prof. Urmilaben Thaker, (M. Lib, M. Phil, Ph D)	1982
15	Material Science	Prof. L. M. Manocha, (FNASc M.Sc, Ph D) Dr. (Mrs) S. Manocha (M.Sc., Ph D)	1990
16	Mathematics	Dr. A. B. Patel (M.A, Ph.D)	1958
17	Media Studies	Prof. J. H. Khan (Hon. Director), (M.A, MAAL (UK). M.Ed (Eng), Ph D)	2005
18	Pharmaceutical Sciences	Dr. D. K. Raval, (I/c Head), (M. Sc., Ph.D)	2010
19	Physics	Dr. A.R. Jani, (M.Sc, Ph D)	1958
20	Political science	Dr. Baldev Agja, (I/c Head), (M.A, Ph D)	1958
21	Psychology	Dr. S. J. Patel, (Ph D)	1982
22	Sanskrit	Prof. A. I. Thakor, (M.A, Ph D)	1958
23	Social Work	Dr Shivani Mishra, (Ph.D)	1997
24	Sociology	Dr. J. M. Trivedi, (M.A, Ph D)	1958
25	Statistics	Prof. Ashok Shanubhogue, (M.Sc, Ph D) Prof. P. A. Patel (M.Sc, Ph D)	1961
26	USIC	Shri Sulax Shah (I/c Head), (B.E)	1979
Constituent College			
27	M B Patel College of Education	Dr. N. R. Patel (M.Sc, M. Ed, Ph D)	1960

AUTHORITIES OF THE UNIVERSITY

(i) The Senate

(ii) The Syndicate (1st April 2009 to 31st March 2012)

	The Vice Chancellor	8	Dr. Basudeb Bakshi
1	Prof. Harish Padh Vice – Chancellor Sardar Patel University Vallabh Vidyanagar – 388 120		Principal Natubhai V. Patel College of Pure & Applied Sciencess Vallabh Vidyanagar – 388 120
	The Director		Ten Persons Elected by the Senate
2	Commissioner of Higher Education Gujarat State, Old Schivalaya Block No. 12, 3 rd Floor Gandhinagar – 382 010	9	Pragneshkumar Arvindbhai Patel 'Nandanvan', Yogi Park Society Opp, Arts College Anand -388 001
	The Director	10	Shri Bipinchandra Purshottamsas Patel
3	Technical Education Gujarat State, Juna Schivalaya Sector-10, Block No-2, 2 nd Floor Gandhinagar – 382 012		Shri Motilal Nivas Tower Bazar Anand – 388 001
4	The Director Health and Medical Service and Medical Edu. Medical Education & Research G-Block, 2 nd Floor, Civil Hospital Sector -12, Gandhinagar – 382 012	11	Bhanu Dahyabhai Patel Lecturer S.M.Patel College of Home Science Vallabh Vidyanagar – 388 120
	Two Heads of Department of the University	12	Dr. Beena Ambalal Mahida
5	Dr. H. P. Trivedi Head, Department of Economics Sardar Patel University Vallabh Vidyanagar – 388 120		Lecturer Anand Arts College Anand -388 001
6	Dr. Maheshchandra K. Yagnik Head, Department of Education Sardar Patel University Vallabh Vidyanagar – 388 120	13	Smt. Hansakuvarba Raj Dadani Khadki MU. PO – Adas Dist - Anand
	Two Principal of Degree Colleges Affiliated to the University	14	Tusharbai Anubhai Patel P.B.No – 29, Navi Pole
7	Dr. Rajendrasingh P. Jadeja Principal H.M.Patel Institute of English Training & Research Vallabh Vidyanagar – 388 120		Dharmaj Ta- Petlad

15	Narendra Prabhudas Chotai Lecturer A. R. College of Pharmacy Vallabh Vidyanagar – 388 120	21	One Representative of the Institute of Agriculture, Anand Shri Girish B. Jani Dy. Director Bhavan's Munglal Institute of Post Graduate Studies
16	Dr. Shirish H. Shrivastava Professor Pramukh Swami Medical College Karamsad – 388 325		Bhartiya Vidya Bhavan K.M.Munshi Marg Mumbai – 400 007
17	Bhupendra Chandubhai Patel Sardar Gunj Mercantile Co.op Bank LTD (Anand) English Medium College of Commerce & Management (SEMCOM) Vallabh Vidyanagar – 388 120	22	One Representative Elected by the Birla Education Trust Dr. Farokh Sorabji Umrigar Principal Birla Vishwakarma Mahavidyalya Vallabh Vidyanagar – 388 120
18	Vacant		
	Two Representative Elected by the Charutar Vidya Mandal		Four Persons Nominated by the State Government
19	Dr. Nikhil Zaveri Sardar Gunj Mercantile Co.op Bank LTD (Anand) English Medium College of Commerce & Management (SEMCOM) Vallabh Vidyanagar – 388 120	23 24 25	Vacant Vacant Vacant
20	Dr. N. R. Parmar Principal N.A & T.V. Patel Arts College Vallabh Vidyanagar – 388 120	26	Vacant

(iii) **The Academic Council**

(iv) **The Faculties**

(v) **The Boards of Studies**

(vi) **The Board of Post Graduate Studies and Research**

OFFICIALS OF THE UNIVERSITY

No.	Designation	Name
1	Vice Chancellor	Prof. Harish Padh M.Sc, Ph.D, FGSA
2	Registrar I/c	Shri Tushar Majmudar M.Sc., DCA
3	Deputy Registrar	Vacant
4	Deputy Registrar	Shri Tushar Majmudar M.Sc., DCA
5	Assistant Registrar	Mr. Mayank Bhatt M.Sc.
6	Development Officer	Shri Raghav M. Patel M.A, L.L.B
7	University Engineer	Shri Parag N. Vaidya B.E (Civil)
8	Co-ordinator, ERU	Vacant
9	Director, Physical Education	Dr. Gursevaksingh Saggu M.P.E, N.I.S, Ph. D
10	Librarian	Vacant
11	Director, Computer Centre	Smt. Jyoti Tiwari M.Sc
12	Press Manager	Shri Jatin H. Somani D.P.Tech.
13	Medical Officer	Vacant
14	Curator	Shri Amol A. Mohite M.A (Museology)
15	Chief Accounts Officer	Vacant

AFFILIATED COLLEGES

No.	Name of the College	Name of the Principal
1	Nalini Arvind & T. V. Patel Arts College	Dr. N. R. Parmar
2	Anand Arts College	I/C Principal
3	N. S. Patel Arts College	Dr. M. C. Patel
4	Shri Bhikhabhai Patel Arts College	Mr. R. P. Bhoi
5	Akhilesh Sureshbhai Patel Arts College	I/C Principal
6	Shri Jashbhai Motibhai Patel Arts College	I/C Principal
7	Anand Institute of Social Work	I/C Principal
8	Rama Manubhai Desai College of Music and Dance	I/C Principal
9	V. P. & R. P. T. P. Science College	I/C Principal
10	Natubhai V. Patel College of Pure & Applied Sciences	Dr. Basudeb Bakshi
11	M. B. Patel Science College	Dr. D. S. Raj
12	A. M. College of Science Management & Computer Technology	Dr. Harendra G. Vyas
13	Institute of Science & Technology for Advanced Studies & Research (ISTAR)	Prof. D.N.Bhatt
14	Anand Institute of Information Science	I/C Principal
15	Ashok & Rita Patel Institute of Integrated Study and Research in Biotechnology and Allied Science	I/C Principal
16	Shri P.M.Patel Institutiute of Integrated M.Sc In Bio-Technology	I/C Principal
17	Shri P. M. Patel Institute of Biosciences	I/C Principal
18	Shri P.M. Patel College of Computer science and Technology	I/C Principal
19	B. J. Vanijya Mahavidyalaya	I/C Principal
20	C. P. Patel & F. H. Shah Commerce College	Dr. G. V. Mehta
21	Anand Commerce College	I/C Principal
22	Shri V. Z. Patel Commerce College	Dr. Jignesh H. Patel
23	Anand Institute of Business Studies	I/C Principal
24	Tarkesh and Niranjan Sureshbhai Patel Commerce College	I/C Principal
25	Birla Vishwakarma Mahavidyalaya (Engineering College)	Dr. F. S. Umarigar
26	G. H. Patel College of Engineering & Technology	Dr Anurag Varma
27	A. D. Patel Institute of Technology (ADIT)	Dr. R. K. Jain

No.	Name of the College	Name of the Principal
28	D. C. Patel School of Architecture Arvindbhai Patel Institute of Environment Design	Dr. P. A. Pithawala
29	Sardar Gunj Mercantile Co-Operative Bank Ltd. (Anand) English Medium College of Commerce (SEMCOM)	Dr. N. M. Zaveri
30	C. Z. Patel College of Business & Management	Dr. Atul. Bansal
31	Anand Institute of Management	Hon. Director
32	Shri P. M. Patel Institute of Business Administration	I/C Principal
33	H. M. Patel Institute of English Training & Research	Dr. R. P. Jadeja
34	N. H. Patel College of Education	Dr. D. U. Patel
35	Anand Education College	Dr. V. T. Bhamwari
36	I. J. Patel B.Ed. College (Self Financed)	Dr. Nusrat Kadri
37	N. R. Patel Mahila B. Ed. College	I/C Principal
38	Waymade College of Education (English Medium)	Dr. (Mrs.) Sulbha Natraj
39	Shri P. M. Patel College of Education	Dr. R.S. Prajapati
40	Anand College of Education	I/C Principal
41	Smt. Pushpaben. Kanaiyalal Imandar College of Education	I/C Principal
42	Christian College of Education	I/C Principal
43	Shri V.J. Patel College of Physical Education	I/C Principal
44	S. S. Patel College of Physical Education	Dr. B. L. Nagar
45	S. M. Patel College of Home Science	Dr. (Mrs) Rekha Emanuel
46	Smt. Kamalaben P. Patel College of Home Science	I/C Principal
47	Anand Law College	I/C Principal
48	Shri P. M. Patel College of Law & Human Rights	I/C Principal
49	Anand Homeopathic Medical College & Research Institute	I/C Principal
50	Shri Dr. V. H. Dave Homoeopathic College & Res. Institute	Dr. P. C. Dave
51	Pramukhswami Medical College	Dr. Utpala Kharod
52	G. H. Patel School of Nursing	Mrs. K. S. Masurkar
53	Institute of Diploma in Medical Laboratory Technology	I/C Principal
54	Khushalbhai M. Patel Institute of Physiotherapy	Prof. Lata D. Parmar
55	Shri Babubhai G Patel College of Physiotherapy	I/C Principal
56	Shri P.M.Patel College of Para Medical Science & Technology	I/C Principal
57	Smt. L.P. Patel Institute Of Medical Laboratory Technology	Dr. Sunil Trivedi
58	A. R. College of Pharmacy & G. H. Patel Institute of Pharmacy	Dr. A. K. Saluja

No.	Name of the College	Name of the Principal
59	Anand Pharmacy College	Dr. Tejal R. Gandhi
60	Indukaka Ipcowala College of Pharmacy	Dr. K. K. Bhatt
61	Sardar Patel College of Pharmacy	I/C Principal
62	Shri P. M. Patel Institute of Post Graduate Studies and Research in Science	I/C Principal
63	J. M. Patel P.G. Studies and Research in Humanities	I/C Principal
64	Shri P. M. Patel College of Electronic & Communication	I/C Principal
65	Sardar Patel College of Applied Sciences	I/C Principal
66	Sardar Patel College of Administration and Management	I/C Principal
67	Christian College of Management Studies	I/C Principal
68	F. H. Shah Institutes of Management and Information Technology	I/C Principal
69	Anand Institute of P. G. Studies	I/C Principal
70	P.P.Patel College of Social Science	I/C Principal
71	J.H.Patel College of Management & Technology	I/C Principal
72	AIMS College of Management & Technology	I/C Principal
73	Takshishila College of Management & Technology	I/C Principal
74	Jivkaran Institute of Business Administration	I/C Principal
75	Gordhandas Jamnadas Patel College of Management & Technology	I/C Principal
76	K.S.Patel College of Science Management & Technology	I/C Principal
77	Institute of Language Studies Applied Social Sciences (ILSASS)	Dr. Sunni Thomas
78	College of Management & Computer Technology	I/C Principal
79	Centre for Studies & Research on Life & Works of Sardar Vallabhbhai Patel (CERLIP)	Prof. Hari Desai
80	Jivkaran Institute of Science Technology	I/C Principal

AFFILIATED COLLEGES HAVING P. G. PROGRAMMES

No.	Name of the College	PG Programs
1	Nalini Arvind & T. V. Patel Arts College	M.A (Logic & Philosophy), Ph. D (In Philosophy)
2	Anand Arts College	M.A (English, Hindi, Gujarati, History, B.Lib, M.Lib)
3	N. S. Patel Arts College	M.A (Economics, Gujarati, Hindi, English, M.P.A, M.S.W.)
4	Shri Bhikhabhai Patel Arts College	English, Hindi.
5	M. B. Patel Science College	M.Sc Chemistry, Micro Bio-Tech, M.L.T.
6	A. M. College of Science & Computer Technology	Biotechnology, PGDCA
7	Sardar Gunj Mercantile Co-Operative Bank Ltd. (Anand) English Medium College of Commerce	E-Business
8	C. P. Patel & F. H. Shah Commerce College	M.Com (Business Studies)
9	SICART	Ph. D Programme, Electrical Engineering, Mechanical Engineering, Civil Engineering, Structural and Transportation Engineering.
10	H. M. Patel Institute of English Training & Research	M. Ed (English), M. A (ELT), M. Phil (ELT), Ph D
11	Anand Law College	LLM
12	S. M. Patel College of Home Science	Diploma Courses in Fashion Design in Fashion and Merchandising, Early Childhood Care and Education, Fashion Design.
13	Anand Homoeopathic Medical College & Research Institute	MD Materia Medica, MD Repertory, MD Homoeopathic Philosophy
14	Shri Dr. V. H. Dave Homoeopathic College & Research Institute	MD Materia Medica, MD Repertory, MD Homoeopathic Philosophy
15	Pramukhswami Medical College	M.Sc and Ph D in Medical Micro-biology, Medical Bio-chemistry, Medical Physiology, Medical Pharma- cology, Medical Anatomy, MD in Medicine Anesthesiology, MS in ENT & DIP
16	Anand Pharmacy College	M. Pharm Pharmaceutics, Pharmacology, PhD. Pharmaceutics
17	College of Physiotherapy	Master of Physiotherapy
18	Institute of Science & Technology for Advanced Studies & Research (ISTAR)	Instrumentation, M.Sc (Industrial Chemistry, Plastic Technology, Oil fats and Varnishes, Information Science, Environmental Science), MCA, M. Pharm (Quality Assurance, Pharma cognosy,) (M. E Valuation, Real Estate), (M.E Valuation Plant and Machinery), (M.E Industrial Hygiene), M. Pharm Quality Assurance M.E (Environmental Engg,

No.	Name of the College	PG Programs
		Construction Engg, Structural Engg, Machine Design, Electrical Power System, Computer Engg), Cili.Pharm Pharmaceutics, Phamcology, MIH, M.Tech, Communication Engg.
19	D. C. Patel School of Architecture Arvindbhai Patel Institute Of Environment Design	Technology in Town Planning, M. Tech
20	Anand Institute of Information Science (Self Financed)	MCA
21	Shri P.M.Patel College of Para Medical Science & Technology	M.Sc M.L.T.
22	Anand Institute of Management	MBA (Management Studies), E-Business
23	Anand Institute of Business Studies	M.Com (Business Studies)
24	Anand Institute of Social Work (M.S.W.)	MSW, PGDDM,
25	Ashok and Rita Patel Institute of Integrated studies In Bio-Technology	M.Sc Integrated Biotechnology, M. Sc Micro biology M.Sc Pharmaceuticals Chemistry, M.Sc Bio-Tech,
26	P. M. Patel Institute of Bio Technology	M.Sc. (Integrated Bio- Technology)
27	P. M. Patel Institute of Bio-Science	M.Sc Micro Biology, BT.
28	Smt. L. P. Patel Institute of Medical Laboratory Technology	M.Sc (MLT)
29	J. M. Patel Arts College	MSW, M.A (English, Hindi, Sanskrit, Gujarati)
30	Shri K. P. Patel College of Home Science	M.Sc (Home Science) , F&N,FBT,
31	K .M. Patel Institute of Physiotherapy	M. Physiotherapy

VICE CHANCELLORS OF SARDAR PATEL UNIVERSITY

No.	Name of the Vice Chancellors	Period
1	Dr. Bhailalbai D. Patel (Shri Bhaikaka)	19-12-1955 to 18-12-1958
2	Shri Babubhai J. Patel	19-12-1958 to 18-12-1961
3	Dr. Maganbhai D. Patel	19-12-1961 to 15-11-1963
4	Shri Ishvarbhai J. Patel	16-11-1963 to 24-04-1970
5	Shri Rameshbhai S. Mehta	25-04-1970 to 31-12-1974
6	Dr. Ramanbhai D. Patel	19-04-1975 to 18-04-1978
7	Dr. Ranchhodhbhai M. Patel	19-04-1978 to 18-04-1981
8	Shri Krishnalal N. Shah	19-04-1981 to 18-04-1987
9	Dr. Kantibhai C. Patel	19-04-1987 to 18-04-1990
10	Dr. Dilavarsinh D. Jadeja	19-04-1990 to 18-04-1996
11	Dr. Vitthalbhai S. Patel	25-07-1996 to 24-07-2002
12	Dr. Pravinchandra J. Patel	19-09-2002 to 18-09-2005
13	Dr. Bharatkumar G. Patel	17-05-2007 to 17-05-2010
14	Prof. Harish Padh	01-07-2010 Onward

REGISTRARS OF SARDAR PATEL UNIVERSITY

No.	Name of The Registrars	Period
1	Shri C. N. Patel	15-12-1956 to 08-07-1957
2	Shri K. J. Majmudar	03-12-1957 to 22-06-1960
3	Shri H. A. Mistry	01-10-1961 to 07-06-1962
4	Shri D. B. Patel	09-06-1962 to 08-12-1963
5	Shri K. A. Amin	01-06-1964 to 04-02-1980
6	Shri R. C. Thakkar	05-02-1980 to 23-08-1988
7	Shri Niranjjan Upadhyay	01-10-1988 to 23-02-1993
8	Shri Chandrakant M. Patel	01-09-1993 to 17-12-1995
9	Shri Kanubhai M. Patel	18-12-1995 to 17-10-1998
10	Dr. B. Natraj	01-09-2000 to 31-10-2010

UNIVERSITY DEPARTMENTS AT A GLANCE

B. R. DOSHI SCHOOL OF BIOSCIENCES (DEPARTMENT OF BIOSCIENCES) (A UGC-SAP, COSIST, AND DST - FIST DEPARTMENT)

Head of the Department: Dr (Mrs) Kiran Kalia

Phones: (O) 02692 234402 (R) 0265 2251160.

Faculty: One of major strengths of the department is various collaborative and interdisciplinary research project carried out by various faculty members. The total strength of the faculty of the department Professors: 8, Associate Professor: 5, Assistant Professor (SG): 1, and Assistant Professor (Ad hoc): 2, Technical Staff: 5 Administrative Staff: 4, Supporting Staff: 7.

Courses offered: M. Sc. Biochemistry, M. Sc. Biotechnology, M. Sc. Botany, M. Sc. Industrial Biotechnology, M. Sc. Microbiology, M. Sc. Zoology and PhD in Biosciences.

Research Facilities: Phase contrast microscope (American Optics), Photomicroscope (Carl-Zeiss), MPM 400 Photometry, KS 3000 Image Analyser, (Carl Zeiss), Fluorescence microscope (Olympus), Research microscope with photographic system (Nikon), Inverted microscope (Accumax), HPLC (Agilent), HPTLC (CAMAG), TOC (SImadzu), Elisa Plate Reader (Molecular Devices), Cryocut (Leica), UV Visible spectrophotometers (Hewlett Packard, Unichem Beckman), FPLC (BioRad), 2D Electrophoresis(BioRad), Lyphilizer (FTS), -85 Degree Deep Freezer (Sanyo), Refrigerated Centrifuge (Sigma, Eppendorf), Micro Wave Digester (Berghoff), Atomic absorption spectrophotometer (Analytik Jena), Hybridixation Oven (GE), UV Cross Linker (GE), Glass Knife Maker (RMC), Ultra Microtome (Richert, RMC), Semi Automatic Microtome and manual Microtomes (Richer, RMC) Semi Automatics Microtome and Manual Microtomes (AEUS) Stirre Cell (Millipore), Fermentor (New Bruinswik), Electrophoresis with Vacuum Blot (GE)

Major Research Activities

Micro and Enviromental Biotechnology

- Purification and Structural Characterization of Phycobiliproteins from Cynobacteria and other microbial pigments.
- Identification of novel genes for bioremediation through metagenomic approach.
- Production of Cyclodextrins, Glucanotransferase and biodegrtadable polymers from agrowaste.
- Characterization of Arsenic hypertolerant microorganisms.

Plant Morphogenesis

- Histology and histochemistry of cambial development in tropical trees
- Histo-physiology of fruit development and ripening.
- Pre and postharevest Technology of fruits

Plant and Animal Biotechnology

- Micropropagation of ecologically and medicinally important plant
- Elucidation of disease resistance mechanisms in plant at structural, biochemical and molecular level.
- Genetic variants in diabetic population and its association with onset if diabetes and its secondary complications.
- Proteomic identification and characterization of new biomarkers in diabetic complications
- Cell and tissue specific responses in growth and regeneration of reptilian tail.
- Development of novel feed supplements for fresh water fish
- Isolation of Lactobacilli and their probiotic potential.

Plant and Microbial Biodiversity

- Distribution mapping of some medicinal plants in Shoopaneshwar wild life sanctuary
- Screening, isolation and characterization of Plant Growth Promoting Rhizobacteria (PGPR) from various ecological niches.

International collaboration: Molecular and Environmental Biotechnology Research Centre, University of Manchester, U.K, Department of Chemistry and Chemical Engineering, Polytechnic University, Brooklyn, New York, USA, Chonnam National University, Kwangju, South Korea, Department of Biotechnology, Griffith University, Australia, Institute of Plant Genetics and Biotechnology, Slovak Academy of Sciences, Nitra, Slovak Republic, School of Health Sciences, Purdue University, West Lafayette, USA

National: B. V. Patel Pharmaceutical Education and Research Development Centre, (PERD) Ahmedabad; Centre for Cell and Molecular Biology (CCMB) Hyderabad; Indian Institute of Science (IISc), Bangalore; National Research Centre for Medicinal and Aromatic Plants (NRC-MAP), Boriavi, Rubber Research Institute of India, Kottayam Kerala, M.S. University of Baroda, Vadodara, NEERI, Nagpur, P.S. Medical College and Hospital, Karamsad, Anand Agriculture University, Anand, National Centre for Cell Sciences, Pune, Indian Institute of Chemical Technology, Hyderabad

Library Facilities: Books - 2500, Journals - 10

Major Achievements: 1981-UGC-DRS programme, 1995-UGC-DRS (SAP) Phase-I, 2000-UGC-SAP, 2001-DST-FIST (Phase -I) level - I, & UGC COSIST, 2007-UGC-SAP (DSA) Phase - II, 2009-DST-FIST (Phase-II) Level-I (B& C), 2010-DBT-Centre of Excellence

Program Name	Duration	Eligibility	Program Highlights
M.Sc. Microbiology	4 Semesters (2 Years)	B.Sc./B.S. Microbiology/ B.Sc. (Any Subject of Biosciences)	Focus on Environmental Biotechnology, Fermentation Technology Enzyme Technology and Molecular Biology
Ph.D. Microbiology	6 Semesters (3 years)	M.Sc./M.S. Biosciences	Enzyme and Fermentation Technologies, Environmental Studies, Molecular Biology
M.Sc. Biochemistry	4 Semesters (2 Years)	B.Sc./B.S. Biochemistry/ B. Sc. (Any Subject of Biosciences)	Plant and animal Biochemistry, Molecular Biology, Bio-remediation
Ph.D. in Biochemistry	6 Semesters (3 years)	M.Sc./M.S. Biosciences	Immunology, Bioremediation, Health Science
M.Sc. Biotechnology	4 Semesters (2 Years)	B.Sc./B.S. Biotechnology B.Sc. /B.S. (Any subject of Biosciences)	General Biotechnology covering Plant, Animal and Microbial Biotechnology
Ph. D. in Biotechnology	6 Semesters (3 years)	M.Sc./M.S. Biosciences	Plant Biotechnology, Microbial Biotechnology and Animal Biotechnology
M.Sc. Botany	4 Semesters (2 Years)	B.Sc./B.S. Botany/Biosciences	Systematic, Physiology, Biodiversity, Tissue Culture, Biotechnology
Ph.D. in Botany	6 Semesters (3 years)	M.Sc./M.S. Biosciences	Tissue Culture, Wood Biology, Plant-Microbe interaction, Bio-control, Phyto- remediation
M.Sc. Zoology	4 Semesters (2 Years)	B.Sc./B.S. Zoology/Biosciences	Cell Molecular biology, Immunology, Biotechnology, Physiology, Behaviour, Endocrinology, Biology
Ph.D. in Zoology	6 Semesters (3 years)	M.Sc./M.S.	Endocrinology, Integumentary, Biology, Toxicology

DEPARTMENT OF CHEMISTRY
(A DST-FIST Department & UGC Centre for Excellence in Applied Polymers)

Head of the Department: Prof. Dr H.S. Patel

Phones: (O) 02692 226855, 56, & 57 (R) 02692 236743. **Fax:** 91-2692-22655 / 236475

E-mail: chemspu@rediffmail.com, chemspu@yahoo.com, hsp13152@rediffmail.com

Faculty: Professors: 07, Assoc. Professors: 02, Asst. Professors: 04, Technical Staff: 03

Courses Offered: M. Sc. In Chemistry with specialization in Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Industrial Polymer Chemistry, and Analytical Chemistry, Ph. D. in Chemistry

Major Sophisticated Equipments (for Research & Teaching): Simultaneous DTA/TGA/DSC (TA Model 5000/2960), Differential Scanning Calorimeter (TA Model 5000/2920), ¹³C NMR (400 MHz) (Bruker), ¹H NMR (60 MHz) HITACHI R-1500, UV-VIS Spectrophotometer (SHIMADZU 160A), Spectrophotometer, FT-IR Spectrophotometer (MB 3000, ABB Bomen Inc., Canada), Vibrating Sample Magnetometer (Lakeshore Model 7300), Multi Angle Light Scattering Equipment (WYATT DAWN EOS), High Temperature Gel Permeation Chromatograph (WATERS), HPLC/GPC System, Vapour Pressure Osmometer (RE-651 KNAUER), Digital Viscometer (Brookfield DV-II), Chemical Impedance Analyser (SOLARTRON), High Electric Resistance Analyser (KITHELY), Atomic Force Microscope (VEECO), Universal Testing Machine (30K) (Lloyds), Dynamic Mechanical Analyser (TRITON), Heat Deflection Temperature & Vicat Softening Point Equipment (CEAST), Melt Flow Indexer

Major Research Activities: Polymer Synthesis, Modification & Characterization, Polymer composites, Studies in Polymer solutions, Synthesis of Novel Heterocycles, Phthalides, and Dihydroisocoumarins, Coordination Chemistry, Ionic Liquids – Synthesis, Colloidal and Catalytic Properties, Applications in bi-phasic separation of metal ions and in electrochemistry, Organic synthesis, Novel Coordination complexes – Synthesis, Characterization and Biological activity and applications in luminescence devices, Drug carriers and release systems based on Amphiphilic biodegradable polymers, metal based systems and their utility as metallonucleases, High Performance polymers, Materials for Renewable Energy Resources, Equilibrium Thermodynamics of Non electrolyte solutions

Interaction/Collaboration: Bhaba Atomic Research Centre, BARC, Mumbai, Inter University Consortium, DAE Mumbai, CIPET, Ahmedabad, Atul

Library Resources: Books 7863, Journals/Periodicals- 20

Major Achievements

- About 150 Research papers published (last five years)
- About 25 papers per year presented at National/International conferences/ Symposium
- 70 students awarded Ph. D. Degree (last five years)
- About Rs. 100 lac received as grant for major research projects (completed and ongoing in last five years)
- Hari Om Ashram awards for several research papers
- Grants of Rs. 160 lakhs and 38 lakhs grant have been received under UGC New Delhi, Centre for Advanced Studies (CAS) and DST – FIST Level II programs.
- The Department provides Analytical Services to Several Industries using above sophisticated equipments.

Program Name	Duration	Eligibility	Program Highlights
M.Sc. Chemistry	4 Semesters (2 Years)	B.Sc./B.S Chemistry	Specialization in any of Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Analytical Chemistry, Industrial Polymer Chemistry
Ph. D. Chemistry	Minimum (3 years)	M.Sc./ M.S Chemistry	Different branches of Chemistry as listed above

**G.H.PATEL INSTITUTE OF COMPUTER SCIENCE AND
TECHNOLOGY
(DEPARTMENT OF COMPUTER SCIENCE)**

Head of the Department: Professor (Dr) D. B. Chokshi.

Phones: (O): 02692 236829, 230389 Ext 207 **(R):** 02692 237972. **Fax (O):** 02692- 236829

E-mail: gdcstspu@yahoo.com

Faculty: Professors: 2, Readers: 3, and Lecturers: 6, Technical Assistants: 5

Courses Offered: MCA, PGDCA (P.G. Diploma in Computer Science & Application), M. Sc. (Bio-Informatics), Ph. D

Major Sophisticated Equipment (Teaching & Research): IBM X-Series 225 Server, Compaq ML530 Server, Compaq Alpha Server DS10, Sun Ultra 10 Server, HP Net Server E60, Compaq ML 330e Server, 180 Workstations.

Operating Systems: Windows Vista, Windows NT 4.0, Windows XP, Windows CE, Windows 98, Windows 2003 Enterprise Edition R2, Windows 2000 Advanced Server, Sun Solaris 8, Tru 64 Unix 5.1a, Red Hat Linux 8.0, 9.0, Novell Netware 5.0, Windows 2000 Professional, Fedora Core 6.0.

Compilers / Packages: C, C++, Java, Visual Studio 6.0, Visual Studio. NET.

Databases: Oracle 10g, Oracle 8i, 9i, My SQL, MS SQL Server, MS Access.

Case Tools: Turbo Analyst, Object Analyst, And Relational Designer.

Web and Multimedia Development Software: Macromedia Studio MX, Macro Media Director 8, Macro Media Authorware 5.1, Macromedia Ultradev 1.0, MS FrontPage, Macro Media Generator 2.0, Internet Developer Suite, 3D Studio MAX, Adobe Photoshop 6.0.

Major Research Activities: Image Processing and Multimedia Techniques for Healthcare, Future Generation Compilers, Knowledge Based Systems for Socio-Economic Development, Automation Software Tools, Software Metrics Methodology, High Performance Computing Applications, CAI Software Packages on Simulation, Word Processing Tool for Multi-user UNIX Platform, Software Solution for Sequencing Problem, Library Software, Computer Aided Learning Package on Rotational Water Supply, Decision Support Systems (DSS), MIS for Several Institutional Databases, Simulation Techniques in Agriculture, ERP Systems.

National / International Linkages: Microsoft Corporation (India), Bhaskaracharya Institute for Space Applications and Geoinformatics (BISAG), Reliance Info Solutions, Vadodara, Patni Computer Systems, Gandhinagar, WIPRO, Ahmedabad, Center of the International Cooperation for Computerization (CICC), Japan, Association for Overseas Technical Scholarship (AOTS), Japan.

Library Facilities: Books - 5500, Magazines: 17 Journals – 11

Major achievements

- Number of National Awards won - 4
- Conducted 21 Refresher Courses/Training Programmes, Produced 10 Ph. D.

Program Name	Duration	Intake
Master of Computer Applications (MCA)	6 Semesters (3 years)	40 Grant-in-Aid & 60 Self Financed
Post Graduate Diploma in Computer Science & Applications (PGDCA)	2 Semesters (1 year)	30 Grant-in-Aid & 80 Self Financed
Master of Science M. Sc (Bio- informatics)	4 Semesters (2 years)	25 General & 05 Industry Sponsored

PRAMUKHSWAMI INSTITUTE OF ELECTRONICS

(DEPARTMENT OF ELECTRONICS)

Head of the Department: Professor (Dr) B. H. Patel.

Phones: (O) 02692 226861, 02692 226862 **(R)** 02692 230872 **Fax:** (O) 02692 – 226861 **E-mail:** bhp@yahoo.com

Faculty: Professors: 2, Readers: 3, and Lecturers: 2 (Senior Scale). Technical Staff: 1 Senior Technical Assistant and 1 Laboratory Assistant

Courses Offered: M. Sc (Electronics), PhD (Electronics)

Research Facilities and Activities: High Vacuum Coating Units, Electron Beam Evaporation Gun, Digital High Impedence Electrometer, Digital Thickness monitor, Spectrophotometer, Digital Communication trainer system, Optical Fiber trainer system, Microwave bench, 8 Bit and 16 bit Microprocessors Development systems, Digital signal processing hardware and software, Digital storage oscilloscope and wave form processor, Spectrum Analyzer, Logic state Analyzer, Computers and software, Programmable Logic Controller, optical microscope, Handy Scope, VLSI Design Trainer, Multimedia projector, Computer Systems (65 Nos.) , Digital Image processing hardware & software (color CCD Camera , Color Frame Grabber Card) Precision LCR Meter (Agilent), Antenna Trainer (Scientific Make).GPS Trainer

Major Research Activities: Electronic / Semiconducting Materials and Devices, Optical Sensor, Gas Sensor, Thin Film Active & Passive Devices, Sensors & Transducers Interfacing, Electroluminescent (EL) Display Devices, Biosensors & Bio Electronics, Polymer Electronics

Interactions/Collaborations: Space Application Center, ISRO, Ahmedabad, Physical Research Laboratory, Ahmedabad, Gujarat Communications and Electronics Ltd. (GCEL) Baroda, Tata Institute of Fundamental Research (TIFR), Bombay, Chip House, Pune, Electronic Research and Development center, Jammu, H. P. Electronics, Ahmedabad, Gujarat Narmada Valley Fertilizers Co. (GNFC), Bharuch, Power Build Ltd., Vallabh Vidyanagar, Institute of Chemical and Biosensors, Munster, Germany, Henry Hatz Institute of Telecommunications, Berlin, Germany, University of Rostock, Rostock, Germany

Library Facilities: Books-1800, Journals-6, Video Cassettes-85

Major Achievements: Major Research Projects: 5+2 (Ongoing), Minor Research Projects: 12, Research Publications: 26+22 (international), Awards: 6, Foreign Visits: 5, Patent on “A Biosensor for the detection of Lactic acid”, By Government of India, New Delhi in 2004.

The Department of Electronics has been assisting the community Radio station, established by Sardar Patel University since 2005

Special Information: Course is recognized and funded by University Grants Commission, New Delhi and Department of Electronics, Government of India, New Delhi and also State Government. The Department of Electronics was recognized by UGC for organization of Refresher Course in Electronics and I.S.T.E. for organizing Summer School. At M.Sc. level, there is a compulsory project work along with practical work in all the semesters. The Students undergo Industrial Training for project work during the summer vacation, Department has a facility of Air Conditioned Ipcowala Santram Auditorium, Electronics Alumni Association 165 Life Member.

Program Name	Duration	Eligibility	Program Highlights
M.Sc., Electronics	4 Semesters (2 years)	B.Sc./B. Sc. Instrumentation (Voc.) B. Sc. (Electronics and Communication)	Emphasizing Electronic materials, devices and applications,
Ph.D. Electronics	Minimum 6 Semesters (3 years)	M.Sc./ Electronics	Schottky diodes, Thin Film, Transistors, Solar cells, Gas Sensors, Strain Gauges, Thermo couples, Biosensors Semiconductors

G. H. PATEL INSTITUTE OF MATERIALS SCIENCE
(DEPARTMENT OF MATERIALS SCIENCE)
(A UGC CENTRE FOR ADVANCED STUDIES, DST- FIST LEVEL II DEPT.
GUJCOST CENTRE OF EXCELLENCE IN NANOMATERIALS)

Head of the Department: Professor (Dr) L. M. Manocha. FNASc, (up to February 2012); Professor (Mrs) S. Manocha, (Current)

Phones :(O) 02692 226853,235183 **(R)** 02692 236713 **Fax-** 02692 235183/236475 **E-mail:** hdmsspu@rediffmail.com, manocha52@rediffmail.com

Faculty: Professors: 2, Readers: 2

Courses Offered: M.Sc. (Materials Science), M.Sc. (Nanoscience & Nanotechnology), Ph.D (Materials Science), Ph. D (Materials Technology)

Major Sophisticated Equipments: Hitachi S - 3000N Scanning Electron Microscope; Mettler Thermal Analysis System TA-4000 up to 1000oC and 1600 oC; Instron Universal Testing Machine 5500; Leitz Optical Microscope Metloplan 12POLs; Shimadzu UV-VS 1601 Spectrophotometer; Shimadzu FTIR 8300 Spectrophotometer; Gas Chromatograph Sigma Analytical Instruments; High temperature heat treatment Furnaces (1000oC, 1750oC and 2700oC); Composites fabrication facilities; PS2001 Particle Size Analyzer, Digital Rockwell Hardness Tester (TRSDM), Hydraulic press; AG-204 Mettler Toledo Densitometer; Systronics 128 Flame Photometer; Micromeritics Gemini BET Surface Analysis System; Micromeritics ASAP2020 Surface Area and Porosity Analyzer; Renishaw inVia Raman Microscope; Laboratory scale spray drier; Dynisco Mini mix Extruder; CVD for synthesis of carbon nano tubes(CNT); REMI S-70 Heavy Duty Centrifuged Machine, Keithley Electrical property measurement instruments (Series 6221, 2182A/E, 6517A/E).

Major Research Activities: Carbon nanotubes, metal & ceramic nano particles; nanomaterials reinforced composites; High temperature Ceramic materials, Carbon fibers, Carbon-Carbon and Ceramic matrix Composites, Composites for Bio application, Sol Gel Technology, Carbon materials, Porous and Industrial carbons, Smart materials, Nano particle structure, Nanoclays and their composites, Hybrid (oxide-carbide) nanomaterials, Utilization of waste materials, Biomass and fly ash Conducting polymers.

Interactions/Collaborations: The institution has established good interaction with various R&D laboratories of Defence e.g. DRDO Hyd., DRDL Hyd DMRL, Hyd. DMSRDE, Kanpur, CSIR labs e.g. NPL, CSMCRI, CGCRI, IIP, ADA, Bangalore; Science and Technology Departments of IIT-Mumbai, IIT-Delhi, Bhabha Atomic research center, Institute for Plasma research (IPR) Gandhinagar, IPCL Baroda, GSFC, Baroda. Carbon- Ceramic Industries

Scientific Collaboration and Exchange Programmes: Department of Chemical Engineering, Clemson University, USA; Materials and Structure Laboratory, Tokyo Institute of Technology, Japan; Department of Energy and Geo Engineering, Pennsylvania State university, USA; ICSI (CNRS) MULHOUSE, France; Inst Rock Structure and Mechanics Prague; Materials Technology Centre, Southern Illinois University, Carbondale, USA; Institute of Geotechnik, Prague, Republic of Czech; Institute for Advanced Ceramic Manufacturing Technologies, University of Stuttgart, Germany, USA Air Force Research Laboratory, Wright Patterson, USA; University Nuremberg, Germany.

Major Achievements

- Recognized as Centre for Advanced Studies by UGC, New Delhi, Centre for Excellence in Nanoscience & Nanotechnology by GUJCOST, FIST level II from DST, New Delhi. Financial assistance for R&D on strategic materials from various agencies like DST, CSIR, ARDB, AICTE, UGC, DRDO, DMRL, DAE, etc.

- Patented Technologies for Development of carbon and carbon Ceramics composites through self-sinterable powder route
- Develop Technology for Oxidation resistant carbon-carbon composites for Space, Porous carbons for gas adsorption, and carbon-- metals complexes for water purification and Ceramic composites for Radomes. Nano clays and their polymer composites, Varieties of Carbon Nanotubes e.g. Multiwalled and aligned and their composites.

Program Name	Duration	Eligibility	Program Highlights
M.Sc. Materials Science	4 Semesters (2 years)	B.Sc./ B.S Physics/ chemistry/ Industrial Chemistry/ Polymer Chemistry	Engineering materials, properties, testing, fabrication Science & Characterisation, nanomaterials, Corrosion and Environment
M.Sc. Nano Science & Nano Technology	4 Semesters (2 years)	B.Sc./ B.S Physics/ Chemistry	Science of Nano materials, properties, testing, fabrication and Characterization
Ph.D. Materials Science	Minimum (3 years)	M. Sc./ M.S. Materials Science Physics/ Chemistry	Development of bulk and nano materials for structural application based on Carbon, Ceramics, polymers and Wastes materials utilization
Ph.D. Materials Technology	Minimum (3 years)	B.E/ M.E	Development of bulk and nano materials for structural application based on Carbon, Ceramics, polymers and Wastes materials utilization

DEPARTMENT OF MATHEMATICS
(A UGC-SAP-DRS, DST-FIST DEPARTMENT, DAE - NBHM REGIONAL LIBRARY)

Head of the Department: Dr A. B. Patel

Phones: (O) 02692 226869/70. **E-mail:** abp1908@gmail.com

Faculty: Professors: 2, Associate Professor: 5, Assistant Professor: 3

Courses Offered: M. Sc (Mathematics), M. Phil (Mathematics), and Ph.D (Mathematics).

Major Research Areas: Functional Analysis, Banach and Topological Algebras, Function Algebras and Function Spaces, Operator Theory and Operator Algebras, Noncommutative Geometry, Sequence Spaces, Locally Convex Spaces, Harmonic Analysis on Groups and Semigroups with Weights, General Theory of Relativity and Cosmology, Tribology, Mathematical Modelling

Research Facilities: NBHM Regional Library (around 3500 Books & 50 Journals with back volumes), Internet Connectivity, INFLIBNET access to more than 2000 online journals, Photocopy Facility, Computing Laboratory, Multimedia Projectors, Slide Projectors

Collaborative Research Programmes/ Linkages

National: IIT (Chennai), IIT (Mumbai), IUCAA (Pune), The M.S.University of Baroda, Gujarat University, North Bengal University, Saurashtra University, Gujarat College. B.V.Mahavidyalaya

International: Ecole Norm. Sup. (Maroc), Fukuoka University Japan, Fukuoka Institute Technology, Japan; Leipzig Univ. Germany, University of Athens Greece, University of Saarlands Germany, University of Leeds, UK.

Major Achievements

- Specially designed optional courses in Mathematics Education, Problems and Exercises in Mathematics (for talented students), Financial Mathematics, Research Level Advanced Courses (in Functional Analysis, Banach and Operator Algebras, Geometry, Relativity and Cosmology), Computer Programming in C/C++ with Practical Training, and Mathematics of Theoretical Sciences (Classical Mechanics, Relativity and Cosmology, Quantum Mechanics, Statistical Mechanics and Fluid Dynamics),
- 5 Special Training Programmes for students appearing in CSIR-UGC, National Eligibility Test NET-JRF.
- 20 Conferences/Seminars; and 12 Refresher courses organized
- Around 150 Research Paper published after 2000 in Highly Reputed journals.
- 17 Ph. Ds produced and 10 in progress;
- 60 M Phil's produced and 11 in progress
- Awards Won: (a) International: 5; (b) National: 18 Including DAAD, Germany Fellowship; Commonwealth Fellowship, UK; Visiting Fellowships, Japan and South Africa Fellowship; INSA Fellowships, IMS Medal; Ramanujan Prize, Madras Uni.; Hari Ohm Ashram Awards, IUCAA Associates ship
- UGC- SAP- DRS in Functional Analysis, Geometry and Applications
- 6 Books published
- 16 Research projects completed
- More than 40 students having cleared CSIR-NET-JRF/NBHM test
- Provision of Dissertation at M.Sc
- 8 Projects by M.Sc students

Special Information

Weekly Research Seminars, Special efforts for problem solving skills for Mathematics for UGC-CSIR-NET-JRF, Sky Gazing programmes with telescope, Students Seminars, Annual Research Level Conference and Workshops, Preparation of College and School level Text Books, Mathematical Talent Search Tests Centre of NBHM for M. Sc./ Ph. D. Fellowship, Popularization of Mathematics, Involvement of faculty in professional organizations, Preparation of Question-banks, Mathematical e-Groups, Mathematics Association. Awardees of Minaxi Lalit exam collaborative programmes with C.C.Patel Community Science Centre

Program Name	Duration	Eligibility	Program Highlights
M.Sc. (Maths)	4 Semester (2 years)	B.Sc./B.S. Math.	Holistic approach encompassing Pure and Applied Mathematics, Research Level advanced Courses, Wide variety of options, Training on Computer and Problem Solving & Provision for Dissertation Special Training for CSIR-NET-JRF
M. Phil. (Maths)	2 Semester (1 year)	M.Sc./M.S. Math.	Research Oriented Advanced and a Dissertation, Special Training for CSIR-NET-JRF
Ph.D. (Maths)	Minimum 6 Semesters (3 years)	M.Sc./M.S. Math.	International Level Research in Functional Analysis, Harmonic, Analysis, Relativity and Cosmology, Tribology

G. H. PATEL INSTITUTE OF HOME SCIENCE **(DEPARTMENT OF HOME SCIENCE)**

Head of the Department: Professor (Dr) Ms. Rema Subhash (up to February 2012); Professor V. H. Patel (Current)

Phone: (O) 02692-226877,

E-mail: remasubhash@yahoo.com, remahomesc@yahoo.co.in

Faculty: Professor-1, Reader-1, Lecturers-4, Technical staff -2

Courses Offered:

M.Sc.: [GRANT IN AID], Foods and Nutrition, General Home Science, M.Sc. [SELF FINANCED], Family Resource Management, Food Biotechnology, Human Development , Textiles and Clothing, Foods and Nutrition, Ph.D., Foods and Nutrition, Food Biotechnology, Textiles and Clothing, Diploma Programmes, P.G. Diploma in Food Designing and Quality Assurance, P.G. Diploma in Nutrigenomics,

M.Sc. Course revised in July 2010 to start CBCS M.Sc. Course revised in 2011 to start specialization under FN and FBT, M.Sc. (Foods and Nutrition- Nutrigenomics), M.Sc. (Foods and Nutrition- Food Designing and Quality Assurance), M.Sc. (Food Biotechnology - Nutrigenomics), M.Sc. (Food Biotechnology - Food Designing and Quality Assurance)

Research Facilities and Activites/Major Sophisticated Equipments:

Gel-Doc, HPLC, Auto analyzer for blood chemistry, UV-VIS spectrophotometer (HITACHI, Japan), Spectrofluorimeter, Refrigerated Incubator Shaker (New Brunswick, USA), Food texture analyser, Digital spectrophotometer (Systronic), BOD Incubator, Transilluminator (Biotech), High Speed Refrigerated Micro Centrifuge (Sigma), High speed cooling centrifuge with speed controller (REMI), Viscometer, Polarimeter, Thermal cycler, Fermentor (New Brunswick, USA), Tensile tester (Surya), Computers, Dress forms (Dummies), Twist Tester (Hand operated), Tearing Strength Tester (Surya), Padding mangal, Hand Operated

Major Research Activities:

FOODS AND NUTRITION: Generating a database for Antioxidant properties of various Indian foods, Studying the effect of herbal plants on gene expression under fructose induced diabetic condition, Evaluation of antioxidant potential of selected plant based foods using animal and human models, Evaluation of antioxidant potential of natural food products to prevent oxidation in fats and oils during frying., Probiotic & synbiotic food product development, Nutraceuticals, Organic foods, Adolescent Obesity, Prevalence of iodine deficiency in the local community, Long-term Effect of deficient and excess calcium on bone mineral status, Osteoporosis prevalence in the local community of Anand and V.V.Nagar, Functional foods for preventive health, Screening of SNP's in obese people

FOOD BIOTECHNOLOGY: Tempeh: traditionally soya-based, to be prepared from other low-cost cereals, pulses, millets and their combination, Bioprocessing (Germination and Fermentation) of various agricultural produce to enhance their functional and nutraceutical properties, Production of Lactic acid using agricultural wastes, Detection of food borne pathogens from different food samples by DNA based molecular methods, Molecular analysis of probiotic strains, Yoghurt and other dairy preparations and their evaluations, Immobilization technique for enhancing probiotic activity, Food Matrix immobilization techniques for enhancing probiotic activity.

FAMILY RESOURCE MANAGEMENT: Ergonomic assessment of Agricultural Tools and Occupational personnel's postures, Income Generating activities among women, Energy Consumption and conservation, Consumer Awareness Enhancement (consumer clubs, children as consumer), Communication pattern and effectiveness in housekeeping organizations, Managerial practices of various groups of women, Decision making ability and its enhancement in adolescent girls,

Environment awareness Enhancement, Saving pattern of Women Entrepreneurs, Interior Space Design and Awareness

TEXTILES AND CLOTHING: Combination studies, applique work and fabric painting, phulkari embroidery and tie and dye, banarasi textiles and indo-western outfits, chinkari and tie and dye, stencil printing and zari work, chamba embroidery with bead work, Batik on leather, Clothing consumption practices, Traditional clothing, textiles and embroidery, Contemporary wear, Clothing for special needs

HUMAN DEVELOPMENT: Reproductive health of adolescents of media pre-school and school going children, Fast Food consumption pattern of school going children, Personality differences among Gujarati and English medium students, Opinion of adolescent girls and boys towards mate selection,

Interaction/Collaboration: Industrial training in Food Processing Institutes e.g. Amul, Windsor biscuits etc., House-keeping aspects of Hotel Industries, Training in Textile Industries e.g. ATIRA, Old age homes etc.

Library Facilities: Books: 1782, Journals: 15

Major Achievements: The department received grants from UGC which benefited in the development of the Department these includes:

- The department received **20.00 lacs** under **NON SAP infrastructure** grant in 2008-09 and 2009-2010. Under this, it also received this it received **four** meritorious student fellowship.
- The department received **58.00 lacs** under the **UGC-Innovative Program** to start a P.G. Diploma in Nutrigenomics in the year 2009 for a period of five years (2010-2015).
- The department received **39.50 lacs** from the **Government of Gujarat- Innovative Program** to start Diploma in Food Designing and Quality Assurance in the year 2009.
- The Department is now identified as **SAP** for this, it received **75.00 lacs** under **DRS-I** in the year 2010 for five years (2010-2015).
- **DBT**, New Delhi offered grant to start M.Sc. programmes in the field of Food Biotechnology in 1998.
- Various training programs for the community being organized regularly.
- Consultancy was offered to various organization such as AIIMS, New Delhi, AMUL, Berger paints, SPRERI, Sanskar Balwadi , etc.
- Awarded the Women's Studies Centre from UGC since 2004.

Program Name	Duration	Eligibility	Program Highlights
M.Sc. (Foods & Nutrition)	4 Semesters (2 years)	B.Sc(Home Science) with FN/ FSQC / Public Health Nutrition / Dietetics/ Biochemistry/ Microbiology/ Industrial Microbiology/ Horticulture/Food Science/ Food Technology/ Dairy Science or B. tech. in dairy technology/Medical laboratory technology/ Bio informatics/Botany/ Zoology/ Biotechnology/ Agriculture/ of this University or any other University recognized as equivalent thereto or B.Sc.(Honours) with Home Science with special papers in Foods and Nutrition or any other examination recognized under (10+2+3system).	Food Chemistry, Food Analysis, Food Processing, Food Quality Assurance, Human Genetics, Physiology And Clinical Biochemistry, Community Nutrition, Therapeutic Diet etc.
M.Sc. (General)	4 Semesters (2 years)	B. Sc. With General Home Science/FN/FSQC/FRM/RM/HD/CD/TC of this University or of any other	Foods And Nutrition, Human Development, Family Resource

		University OR M.Sc. (Agriculture with Home Science) or any other equivalent recognized examination.	Management, Textiles And Clothing etc.
M.Sc. (Food Biotechnology)	4 Semesters (2 years)	B.Sc(Home Science) with FN/ FSQC / Public Health Nutrition / Dietetics/ Biochemistry/ Microbiology/ Industrial Microbiology/ Horticulture/Food Science/ Food Technology/ Dairy Science or B. tech. in dairy technology/Medical laboratory technology/ Bio informatics/Botany/ Zoology/ Biotechnology/ Agriculture/ of this University or any other University recognized as equivalent thereto or B.Sc.(Honours) with Home Science with special papers in Foods and Nutrition or any other examination recognized under (10+2+3system).	Cell And Molecular Biology, R-DNA Technology, Nutritional Biotechnology, Human Genetics, Microbial Biotechnology etc.
M.Sc. (Human Development)	4 Semesters (2 years)	B.Sc.(Home Science) with Child development/ Human Developmnt/General Home Science of this University or any other University recognized as equivalent thereto like B.Sc. (Home Economics) or B.Sc. (Agriculture with Home Science) OR P.G. Diploma in Early Childhood Education or P.G. Diploma in Special Education or any other equivalent recognized examination.	Early Childhood Care And Education, Growth And Development, Counselling, Advance Studies In Human Development etc.
M.Sc. (Textiles & Clothing)	4 Semesters (2 years)	B.Sc.(Home Science) with Textiles and Clothing/General of this University or any other University recognized as equivalent thereto like B.Sc. (Home Economics) or B.Sc. (Agriculture with Home Science) OR P.G. Diploma in Fashion Designing or any other equivalent recognized examination.	Garment Industry, Fashion Technology, Historic Textiles, Textiles Chemistry, Dyeing and Prinring etc.
M.Sc. (Family Resource Management)	4 Semesters (2 years)	B.Sc.(Home Science) with Family Resource Management/ Resource Management/General of this University or any other University recognized as equivalent thereto like B.Sc. (Home Economics) or B.Sc. (Agriculture with Home Science) OR graduate degree with Hotel Management/Hospitality Management/Housekeeping or P.G. Diploma in Interior Decoration or any other equivalent recognized examination.	Consumer Education, Interior Design, Ergonoics, Fuel technology etc.
Ph.D. (Foods & N, Food Biotechnology, Textiles & Clothing)	3 year for full time and 4 years for part time	Ph.D. admissions process includes an entrance exam conducted twice in a year by Sardar Patel University. Students with M.Sc. (Minimum 55%) in respective subjects are eligible to appear for the entrance exam.	---

DEPARTMENT OF PHYSICS

(A UGC-SAP, DST-FIST DEPARTMENT)

Head of the Department: Dr. A. R. Jani.

Phone: (O) 02692-226843 (R) 02692-245095

E-Mail: janiar@rediffmail.com, janiar51@yahoo.co.in

Faculty: Professors: 8, Associate Professor: 4, Assistant Professor: 1

Courses Offered: M. Sc. with Solid State Physics, Solid State Electronics, Theoretical and Computational Physics, Energy Science; M. Phil., Ph. D. in different fields of theoretical/experimental Physics

Research Facilities and Major Sophisticated Equipments: Crystal Growth systems Bridgman, flux, solution and vapour phase, High-Vacuum Coating Unit, Hall measurement system (with low temperature facility-Lakeshore), Lipholizer, X-ray generators, Refrigerated microprocessor controlled centrifuge, High temperature furnaces (AGNI), optical microscope (Carl Zeiss), High Pressure system (Bridgman anvil and diamond anvil) with UV_VIS_NIR Imaging Spectrophotometer, LCR meter, etc.

Major Research Activities: Crystal growth and Characterization, Thin film preparation and device fabrication, nano-particle studies, Photovoltaic and other Electronic Applications; X-ray crystallography of bio-molecules, High Pressure studies on crystals, Low Dimensional conductors; theory of Condensed-Matter systems, Atomic and Molecular Collisions and ionization, Hadron Physics heavy flavour baryons-mesons

Academic linkages/ Collaborations: Interactive collaboration with research Institutes Professional Organization in India and abroad, including joint publications; Research consultancy and characterization measurement facilities and sophisticated instruments in the Department available to the neighbouring colleges/ institutions, industries and to other users in Gujarat and all over India

Library Facilities: Books- more than 2500, Journals about 5, many more available online

Major Achievements: In the area of Crystal Growth and Characterization: (a) doped and undoped ABO type compounds of ferroelectric and laser class were studied using flux method and gel techniques. (b) Almost all transition metal dichalcogenides i.e. MX₂ (M= Metal, X= Chalcogen) have been synthesized by vapour phase technique, characterized thoroughly and used in the fabrication of liquid junction solar cells as well their potential for MOSFET development is investigated using ohmic as well as Schottky contacts (c) Biologically important molecules belonging to Pyrido [2, 3-d] Pyrimidine family and Pyrrolo-Pyrimidine family and synthesized by solution method and their three dimensional structure are solved successfully. (d) Successful theoretical models developed Condensed-Matter systems Atomic-Molecular collision and ionization, Hadron Physics heavy flavour baryons-mesons. Well-recognized Department in teaching, research and out-reach (educational extension) programmes. There are successfully publications published in national and international journal of repute.

Special Information: The Department has been recognized under DRS-SAP (Phase III) and COSIST programmes of the UGC in the area of Condensed Matter Physics. The Department has also been sponsored under the FIST Programme by the DST recently. Several other research projects are going on under various funding agencies like DAE-BRNS, ISRO etc. M. Sc. M. Phil. Ph. D. students are sent to national laboratories and institutions for their (M. Sc.) summer programmes, research work, conferences, and collaborations.

Program Name	Duration	Eligibility	Program Highlights
M. Sc. Physics	4 Semesters (2 years)	B. Sc./ B. Sc. Physics	Solid state Physics/ Electronics, Theoretical and Computational Physics
Ph. D. Physics	Minimum 3 Years	M.Sc./M.S. Physics	Crystal Growth, Thin film Growth, Electronics Applications, Nano-particles, Condensed matter theory, X-Ray Crystallography, Atomic-Molecular Physics, Hadron Physics

DEPARTMENT OF STATISTICS
(A UGC –SAP, DST-FIST Department)

Head of the Department: Professor (Dr) A. Shanubhogue (up to February 2012); Professor P.A. Patel (Current)

Phones: (O) 02692- 226871

E-mail: a_shanubhogue@yahoo.com.

Faculty: Professor: 1, Readers: 3, Lecturer: 1, Technical Staff: 1

Courses Offered: M.Sc, M. Phil (Full/Part Time), PhD (Full/Part Time). Master in Quality and Productivity Management (MQPM), Certificate Course in SPSS, Certificate Course in Bio-statistics, Certificate Course in Financial Statistics **Specializations:** (i) Bio-statistics (ii) Financial Statistics

Major Research Areas: Statistical Inference, Survey Sampling Inference, Design of Experiments, Operations Research, Reliability and Survival Analysis, Statistical Quality Control, Biostatistics, Statistical Computing.

Interaction/Collaborations: Muljibhai Patel Institute of Urology, Nadiad; Span Diagonestics Ltd, Sachin, Surat, Pramukh Swami Medical College Karamsad.

Infrastructure: Computer Laboratory: (a) Late.Prof. S.M.Shah Computer Laboratory established in the perpetual memory of by the donation received by his daughters. (b) DST-FIST Computer Laboratory established by the DST grant. (c) B.S.R Computer laboratory established by UGC grant (d) Department has good library of software like SYSTAT, SPSS, and MATLAB

Department Library

(a) Books procured under UGC five year Plans, (b) Book produced under UGC-SAP-DRS (I) grant (c) Books purchased under projects (d) Books donated by teachers and students.

Teaching aids: Projector, Multimedia CDs and Multimedia Projector and Photocopier.

Major Achievements

- The devotion and involvement by the entire faculty, since its inception, has given a distinct identity to the department in the whole of western region.
- Faculty members of the Department have published papers in refuted national and international Journals.
- Won research awards 12 times as the best research paper of the year.
- Produced 26 Ph.Ds (Theoretical research).

Program Name	Duration	Eligibility	Program Highlights
M.Sc. (Statistics)	2 Years (4 semesters)	B. Sc. Statistics, B. Sc. Mathematics with Subsidiary Statistics B. Sc. general with Statistics	Specializations in (i) Financial Statistics (ii) Bio-statistics Project work compulsory
MQPM	2 Years (4 semesters)	Any graduate with one course On Statistics/ Mathematics	UGC supported Innovative Job oriented Course
Certificate Course in SPSS	60 hours of teaching	Any graduate with basic knowledge of Comp. Stat	Useful for any research organizations
Certificate Course in Bio-statistics	Six months	B. Sc. in Statistics/B.Sc. in Mathematics with subsidiary statistics	Useful course for Pharmaceutical/ Medical/ Diagnostic Industries

Program Name	Duration	Eligibility	Program Highlights
Certificate Course in Financial Stat	Six months	B. Sc. in Statistics/B.Sc. in Mathematics with subsidiary statistics	Useful course for Banking, Insurance, and other financial sectors.
M. Phil. (Statistics)	1 Year full time 2 Years part-time	M. Sc. in Statistics with 55% marks.	Advance level three courses plus dissertation.
Ph. D. (Statistics)	3 Years full time 4 Years part time	M. Sc. in Statistics with 50% marks	Statistical Inference, Survey Sampling Inference, Design of Experiments, Statistical Quality Control, Bio-stat, Medical Stat, Statistical Computing

DEPARTMENT OF GUJARATI

Head of the Department: Professor (Dr) Bhagirath R. Brahmbhatt (up to February 2012); Dr. (Kum.) Pinakini Pandya

Phone: (O) 02692 226833 **Fax:** (O) 237258, 236475.

E-mail: pinakipandya@yahoo.com

Faculty: Professors: 3, Readers: 3.

Courses Offered: MA, M.Phil, Ph.D. (Gujarati Language and Literature with particular fields viz, Comparative literature and Sociology of Literature and stylistics), M.A. External.

Major Research Activities

- Folklore/social dylut/ Motif study

Library Facilities: Books - 4000, Journals - 16

Major Achievements

- The Department is associated with the production of Knowledge Base being produced by Resource Centre for ILT Solutions for Gujarati at MS University of Baroda.
- Its thrust areas are Translation and Bibliography of Gujarati Journals.

Program Name	Duration	Eligibility
M.A. (Regular & External)	2 Years	B. A. Gujarati
M. Phil.	1 Year	M. A. Gujarati
Ph. D.	Minimum 3 Years	M. A. Gujarati

DEPARTMENT OF HINDI

Head of the Department: Professor (Dr) N K Chauhan.

Phone: (O) 02692 226827 (R) 02692 245888.

Faculty: Professors: 3, Readers: 3, and Senior Lecturer: 1

Technical Staff: 1 Drama Instructor, 1 Clerical Staff, and 1 Technician.

Courses Offered: M. A., M. Phil., Ph. D. (Medieval Literature, Comparative Literature, Drama and Dramaturgy, Modern Hindi Literature.), P. G. Diploma in Drama & Dramatics (Hindi), P. G. Diploma in Functional Hindi, M.A. External

Major Research Activities: Drama and Dramaturgy, Linguistics and Stylistic, Comparative Literature, Audio-Visual Mediums

Research Facilities: Library Books 5644, Language Laboratory, And Audio-Visual Equipments

Special Information

- Since 1985-86, P.G. Department was granted SAP-DSA programme of U.G.C. It has completed three phases on the thrust areas of Linguistics, Dramatics & Comparative Literature. At present Audio Visual Medium is the main thrust area of DRS- phase, running since April 2002 under IV phase of SAP. Various projects have been completed in the different phases.
- P.G. Department of Hindi has at least seventeen publications under the DSA programme.
- Thrust area oriented course and syllabus has been introduced to the students at P.G. level.
- Degree and Diploma courses are run in the department including M.A. (Hindi), M. Phil. (Hindi), P.G. Diploma in Hindi Drama & dramatics. G. Diploma in functional Hindi. A Six months new Certificate course is being launched in the department since July 2004 for Film and T.V. Acting.
- Department has successfully organized Twenty Refresher Courses in Hindi for the teacher of west Zone.
- Department's one of the major achievements is Repertory, which is granted by the U.G.C. under SAP-DRS programme. Repertory artists have been performing street plays in the several parts of the state for public awareness and social awareness in connection with the various burning problems. During the last two years, repertory has performed around 375 plays in the state of Gujarat, particularly in the rural areas of the state.
- Department has also been trying its best to spread over National language Hindi through theatrical activities by playing Hindi plays from time to time by organizing Drama-work shops for the students of department as well as colleges.
- Every year, Seminars, and workshops are organized by the department under DSA-SAP and some time with the collaboration of other academic agencies.
- Department is focusing upon the studies and Research works of audio-Visual media.
- Most of the U.G.C. guided syllabus has been accepted by the department for studies of latest equipments under DSA-DRS and under self-finance scheme is the one of the part of such plan.

Program Name	Duration	Eligibility
M. A. (Regular & External)	2 Years	B. A. Hindi
M. Phil.	1 Year	M. A. Hindi
Ph. D.	Minimum 3 Years	M. A. Hindi
P. G. Diploma in Drama & Dramatics (Hindi)	1 Year	--
P. G. Diploma in Functional Hindi	1 Year	--
Certificate course Film and T. V. Acting.	6 Months	--

DEPARTMENT OF SANSKRIT

Head of the Department: Professor (Dr) A. I. Thakor

Phone: (O) 02692 226828 (R) 02692 246643.

Faculty: Professor: 1, Readers: 2.

Courses Offered: M. A., M. Phil., Ph. D. (Alankara and Vedanta), Certificate Course of Simple Sanskrit Speaking, M. A. External.

Major Research Activities: Sanskrit Prahasan, Vastushastra, Sanskrit Poetics and Manuscript Cataloguing

Library Facilities: Books - Central Facility with University Library, Cassettes and Records in Sanskrit

Major Achievements

- Katha Foundation National Award, New Delhi: 01
- National Dalit Sahitya Academy National Fellowship: 01
- Gujarat State Sanskrit Sahitya Academy Gaurav Award: 01
- Gujarat State Sanskrit Sahitya Academy Award for the best book of the year: 01
- Hari Om Awards for the best research papers of the year: 11
- Umashankar Joshi Varta Paritoshik :01
- National Seminar/ Conference: 05
- Refresher Course: 01
- This Department is the first in Gujarat and second in India to introduce Modern Sanskrit, which includes History of Modern Sanskrit Literature and Modern Sanskrit Plays as well as Poetry to promote an interdisciplinary approach.
- The Department has also introduced Arthashastra of Kautilya. Thus, the Department has included in its courses social, political, legal, economic thoughts in ancient Indian tradition.
- In order to introduce traditional textual criticism, we have introduced Sanjivani-tika of Mallinath on Meghadut.
- The Department has completed a Project of cataloguing manuscripts of University Museum, Sardar Patel University, with financial assistance provided by National Archives, Delhi. Sardar Patel University Museum has a good collection of very rare manuscripts of Sanskrit and Prakrit in its possession, on Vedic Literature, Vedant, Puran, Ayurveda and classical literature. The manuscripts are 100 to 300 years old. The project was completed in 1996 and has been published under the sponsorship of National Archives as "Descriptive Catalogue of Sanskrit Manuscripts".

Program Name	Duration	Eligibility
M. A. (Regular & External)	2 Years (4 Semesters)	B. A. Sanskrit
M. Phil.	1Year (2 Semesters)	M. A. Sanskrit
Ph. D.	Minimum3Years (6 Semesters)	M. A. Sanskrit
Certificate course of advance studies in Sanskrit for foreign students.	--	--

DEPARTMENT OF ENGLISH **(A UGC-SAP DEPARTMENT)**

Head of the Department: Professor (Dr) J. H. Khan.

Phone: (O): 02692 226829; (R): 02692 232855.

Fax: (O): 02692 226842/236475. **E-mail:** engspu@gmail.com

Faculty: Professor: 1 (CAS), Associate Professor: 1, Senior Assistant Professor: 1, and Contractual Adyapak Sahayak: 1 (up to 29 Feb 2012).

Courses Offered: M.A. (2 yrs), M. Phil (1 yr), Ph.D (Minimum 3 yrs)-English Literature, American Literature, Indian Writing in English, Linguistics and Stylistics, English Language Teaching in Higher Education, Applied Linguistics. M.A. (External)

Research Facilities: Library of Sound, Language Laboratory, Computer Laboratory, Recording Studio

Major Research Activities: Comparative Literature, Literary Theories: East and West, Indian Literatures in Translation, English Language Teaching in Higher Education, and Applied Linguistics.

Departmental Library: Books 2000, Journals 15, Several Courses on CDs, Cassettes etc; Majority of Shakespearean Plays available on gramophone records; 12 Major British and American Poets recorded in their own voices

Major Achievements

- Major U.G.C Project (SAP) Phase – I : Community, Culture and Ideology in Post-1970s Gujarati, Hindi and English Literature. Phase – II (on going) : Social Change in Post-1970s Novel and Play in
- Assisted the preparation of Encyclopedia of Hindustan, Encyclopedia of Poetics of Indian Languages by Sahitya Academic, New Delhi.
- Organized 7 Workshops, 8 National Seminars, and 5 State Level Seminars so far.
- Organized 1 National Conference (AIETC), 3 Summer Institutes, and 5 Refresher Courses in English so far.
- Offer a variety of choices in areas of specialization such as British Literature, American Literature, Canadian Literature, Indian Literature in English, Translation Studies, Applied Linguistics including English Language Teaching in Higher Education.
- Involved in Materials Production for Secondary, Higher Secondary and Undergraduate Levels, and Research in Contemporary Literature in collaboration with other national and international agencies like the British Council, SICI, and the USIS.
- Produced two highly successful texts titled Stories for India (Macmillan India) and Advanced English for Non-Native Learners (Oxford University Press).
- Engaged in explorations into Indian Culture as reflected in the Post-Seventies Indian Literatures in extension of a Seminar organized for and on behalf of the Sahitya Academy, New Delhi in 1995.

Program Name	Duration	Eligibility	Program Highlights
MA (Regular and SF)	2 Years	B.A. (English)	English Literature, American Literature, Indian Writing in English, Modern English Language and Linguistics, English Language Teaching Higher Education and New Literatures
M. Phil.	1 Year	M.A. (English)	English Literature, Literature criticism, Literary Form, Applied Linguistics
Ph. D.	Minimum 3 Years	M.A. (English)	Comparative Literature, Literary Theories: East and West, Indian Literatures in Translation, Contemporary English Literature and Applied Linguistics
Advanced Certificate Course in Communication Skill in English	3 Months	10+2	---
P.G Diploma in Teaching of English	1 Year	M.A	---
P. G. Diploma in Translation in Studies	1 Year	Any Degree (B.A. Eng)	---

DEPARTMENT OF EDUCATION

Head of the Department: Professor (Dr) M K Yagnik (up to February 2012). Prof. Pallavi Patel, (current)

Phone: (O) 02692 226838 (R) 229458 (M) 9374688594.

Faculty: Professor: 1, Readers: 3, Senior Lecturers: 2

Courses Offered: (1) M. Ed (2) PhD (Philosophy of Education, Educational Management, Teacher Education) (3) Diploma in Guidance & Counseling

Major Research Activities: Collaborative Learning: Philosophy of Education: and Self-Directed Learning: Psychological Testing and Emotional Intelligence.

Major Research Projects financed by U.G.C

Major Achievements

- Besides running M. Ed and Ph. D Programmes in Education, the Department Faculty Members render Services in extension activities.
- Supervised research leading to Ph. D in Education of about 15 student teachers from Thailand and 1 from the USA successfully.
- A member of the faculty has published 4 books.
- A member of the faculty has served on five inspection committees of the NCTE.
- A group of students from Thailand donated a sum of Rs. 60,000 to the University for the Purchase of computer.
- The faculty is also engaged in construction and standardization of tools for psychological testing.
- The Department publishes a University Journal of Education and Psychology, which has national and international subscribers.

Program Name	Duration	Eligibility
M. Ed.	1 Year	B. Ed. English
Ph. D.	3 Years	Master's Degree in Education
M. Phil. (Proposed)	2 Years (Part time)	Post Graduate in Education
Diploma in Guidance and Counseling	1 Year	Graduate with second class

H. M. PATEL INSTITUTE OF RURAL DEVELOPMENT (DEPARTMENT OF ECONOMICS)

Head of the Department: Professor (Dr) H. P. Trivedi.

Phone: (O) 02692 232208 (R) 02692 239554.

Faculty: Professors: 2, Readers: 2, Lecturers: 2.

Courses Offered: M. A., M. Phil., Ph. D., M. A. External

Major Research Activities: The Department has been giving rural bias to its programmes of teaching, research, & extension for the academic activities in the thrust areas of agricultural economics, rural development, and environmental economics. The Department has received recognition and financial support from University Grants Commission under SAP and ASIHSS programmes. It has collaboration with two of its associate institutions, viz., Agro Economic Research Centre for Gujarat & Rajasthan (AERC) and Comprehensive Scheme for Cost of Cultivation of Principal Crops (CCS). AERC Vallabh Vidyanagar is one of the 12 such centers in the country and conducts policy-influencing research on behalf of the Ministry of Agriculture, Government of India (GOI). Useful information generated by the CCS is also used by the in fixing support prices of important crops. Dr. P. K. Singh is guiding both AERC and CCS as Honorary Director. An extension wing has also been proposed for the Department.

Major Achievements

- Completed 82 research projects in different areas.
- Provide honorary consultancy services to the Agro-Economic Research Centre, Vallabh Vidyanagar.
- 102 research studies in the area of agricultural economics completed in the Agro-Economic Research Centre.
- 44 PhDs produced so far.
- Publishes Artha Vikas, a Journal of Economic Development since 1966.
- Completed successfully two phases of Special Assistance Programme (SAP) sanctioned by the University Grants Commission.
- Completed 25 Working Papers during the eight-year period under the Phase II and III of SAP, and organized 5 important seminars during these phases.
- Organized 26 Seminars/conferences, in association with the Agro-Economic Research Centre thus far, on the thrust areas of agricultural economics, rural development and environmental economics, which proved to be useful for policy-making at the Central and State levels.
- Organized 4 Refresher courses in the thrust areas of agricultural economics and rural development.
- Members of the faculty have received recognition at the state and national levels.

Program Name	Duration	Eligibility
M. A. (Regular & External)	2 Years	B. A./B. Com./ B.B.A.
M. Phil.	1 Year	M. A. Economics
Ph. D.	3 Years	M. A. Economics

DEPARTMENT OF POLITICAL SCIENCE
(CENTRE OF EXCELLENCE, GOVERNMENT OF GUJARAT)

Head of the Department: Dr B. B. Agja (I/c Head).

Phone: (O) 02692- 226840 (R) 02692-237599 (M) 9825378386

Faculty: Readers: 2, Lecturers: 2.

Courses Offered: MA, MPhil, and PhD. (Panchayati Raj local self Government in India, International Relations Studies, India's Freedom struggle and Politics in India, Indian Political Thought). Major Research Activities. Local Self Government and Rural Development Administration, International Relations, Indian Politics, Electoral Politics.

Library Facilities: Good books are available in the University Library and the Department Library.

Major Achievements

- This Department has been the first in the State of Gujarat to frame and implement a model Curriculum of Political Science on the bases of the recommendation of the Rana Committee Report commissioned by the University Grants Commission from 1994-95.
- Again, this is the only post-graduate Department in Gujarat to have successfully introduced innovative, multi-disciplinary course papers of very high contemporary relevance in the Master's Level Curriculum. These include
 - Research Methodology.
 - Political Sociology.
 - Politics in Gujarat State, and
 - Post-Cold War World Order Studies.
- The Department has achieved breakthrough in areas such as Indian Political Thought, Local Self Government, India's Freedom Struggle, and Politics in India, International Relations.

Special Information: The Government of Gujarat has awarded the Department status of a Centre of Excellence and commissioned it to study “Value based Politics”.

Program Name	Duration	Eligibility
M. A.	2 Years	B. A. Political Science
M. Phil.	1 Year	M. A. Political Science
Ph. D.	Minimum 3 Years	M. A. Political Science

DEPARTMENT OF HISTORY

Head of the Department: Professor (Dr) J M Pandya.

Phone: (O) 02692 226834 (R) 02692 233962 (M) 9978341585.

Faculty: 1 Professor, 1 Reader, and 2 Lecturers

Courses Offered: MA, Ph. D., M. A. External

Major Research Activities: Ancient Indian History, Socio - Religious History (Modern Period), Regional and Local History (Modern Period), History of Freedom Movement and Gandhian Studies, Theoretical Archaeology and History and Literature

Research Facilities: History Laboratory

Major Achievements

- Organized 2 State Level Seminars sponsored by UGC in the IX Plan period.
- Participation and presentation papers by members of the faculty in various national and state level seminars.
- Publications include numerous articles published in local journals, a book based on the doctoral research, and 2 translations besides a manuscript of a book submitted for publication.
- Conducting workshop for secondary school teachers in final areas of Gujarat.
- Provided training for research in local history to desiring students in addition to their regular study.

Program Name	Duration	Eligibility
M. A. (Regular & External)	2 Years	B. A. History
Ph. D.	Minimum 3 Years	M. A. History

DEPARTMENT OF PSYCHOLOGY

Head of the Department: Dr S. J. Patel.

Phone: (O) 02692 226882 (R) 02692 246603.

Faculty: 1 Professor, 2 Readers, and 2 Lecturers.

Courses Offered: MA, M. Phil, and PhD. (Clinical Psychology and Organization Psychopathology)

Major Research Activities: Marriage and Sex, Organization Behavior, Mental Health, Counseling

Major Achievements

- Organized 5 workshops, National/ State/ Region level seminars
- Organized 4 refresher courses
- Completed 2 major and 4 minor research projects
- On going one major one major and 1 minor research projects
- Awarded 21 Ph. D. And 14 M. Phil.

Program Name	Duration	Eligibility
M. A.	2 Years	B. A. Psychology
M. Phil.	1 Year	M. A. Psychology
Ph. D.	Minimum 3 Years	M. A. Psychology

DEPARTMENT OF SOCIOLOGY

Head of the Department: Dr J M Trivedi.

Phone: (O) 02692 226826 (M) 9427549369

Faculty: 2 Professors, 3 Readers, and 2 Lecturers.

Courses Offered: MA, M. Phil., PhD., M. A. External

Major Research Activities: Policy Research, Women's Studies, Migration, Industrial Relations, And Weaker Sections

Library Facilities: Library Books – 260

Major Achievements: The Department of Sociology has rich experience of research. The members of the faculty have completed 31 research projects in all sponsored by UGC, Government of India, Government of Gujarat, and Sardar Patel University. 4 Candidates have cleared NET.

- U.G.C has granted “The Centre for Indian Diaspora”, 3 National seminars, 5 Refresher courses have organized by Department

Program Name	Duration	Eligibility
M. A. (Regular & External)	2 Years (4 Semesters)	B. A. Sociology
M. Phil.	1 Year (2 Semesters)	M. A. Sociology
Ph. D.	Minimum 3 Years (6 Semesters)	M. A. Sociology

Smt. S.J.Patel and Smt. K.K.Patel Department of Social Work (MSW) (DEPARTMENT OF SOCIAL WORK)

Head of the Department: Dr. (Ms.) Shivani Mishra.

Phone: (O) 02692 231231, **E-mail:-** dswspuvvn@gmail.com

Faculty: 2 Lecturers and 1 Placement Officer cum field supervisor, 7 Lecturers on consolidated Payment.

Courses Offered: Masters in Social Work (MSW) – Full Time, Generic Course, Masers of Human Resource Management (MHRM) – Full time, M.Phil: Full time Course, Ph.D: Full Time and Part Time Course.

Mission and Vision of Department:

VISION: Excel in the field of social work through the development and application of knowledge towards creating people cantered society that promotes and protects the dignity, equality and social justice and human rights for all.

MISSION: To develop a cadre of component and committed professionals, who will be sensitive to the emerging need and challenges at local, regional, national and inter national level through innovative teaching and learning, quality research outreach programs.

FEATURES OF THE DEPARTMENT: Group discussion among the colleagues and teachers, Challenging Assignments, Case Study, and Role playing, Guest lectures, Seminars/ work Shops/ Training, Skit Presentation, Juxtaposing, Supervisory Conferences, Research Dissertation, N.G.O meets, Alumni meet, H.R. Convention/ Summit, Rural Camp. Study Tour, Exposure Visit/ Corporate Visit.

Major Research Activities:

(A) Students engaged in: Collaborative Research work with Ngo, Industry and Hospital Settings. The research project at the Master level of the students gives the opportunity to plan and conduct original investigation in an area of study with the guidance of faculty members of the Department, In house training through various organisations,

(B) Faculty engaged in: Work in minor and major Research Project funded by UGC and Sardar Patel University, Publishing Research Papers/ Projects. Books, Articles in reputed journals, participating in National. International seminar/ workshops/ Conferences/ Conclave, Continuously and actively participated in Training Program in Social work research training, Worked as Resources Person in many reputed organisation.

Skill Based Training Programme: Field Training, Study Tour and rural Camp, Block/Summer Placement, Continual learning with professional training, exposure visit and orientation programmes, student's seminars, workshops, training programmes and symposium.

FACILITY:

Library Facilities: The Department has 2525 books, 30 journals, 4 different types of news paper and 3043 Dissertations. The Library is fully computerized and renders bar-coded services. There are books from internationally renowned authors and well as different referrals and magazines are in store in the library. Implementing the Selective Dissemination of Information system, the library offers excellent support for students to prepare their assignments and project reports.

Audio-Visual Facilities: The Department is fully equipped with audio-visual equipment to provide multimedia learning experience. In addition to this the Department has its own Multimedia –LCD for the purpose of interactive teaching, a T. V & a V. C. R for effective mass communication during field work.

Conference Room : The Department of Social Work along with the audio visual aids also has a well equipped conference room, for student and faculty.

Facilities for Faculty: The Department of Social Work has computer and internet facilities so that Faculties can access the same, and also provision of separate cabins to all the faculty members, with supportive stationery, is undertaken to provide a more learning oriented atmosphere

Major Achievements: 70% of our students have secured suitable placements in industries namely Apollo Tyres, IDMC, Reliance, Zaveri securities etc. Government and Non Government Organizations like UNICEF, GSDMA etc, Hospitals, like Karamsad Eye Hospital, Teaching and Research institutions since 1999, Department has also started with consultancy work with industry and NGO, Department has also done MoU for field work, Research and Training Programs.

Program	Duration	Eligibility
Masters in Social Work (MSW)	4 Semesters (2 years)	Any Graduate with 45% Marks
Masters of Human Resource Management	4 Semesters (2 years)	Any Graduate with 50% Marks
M.Phil.	2 Semesters (1 years)	Graduate in Social Work
Ph.D.	Part Time & Full Time	Post Graduate in Social Work and Related Discipline.

DEPARTMENT OF BUSINESS STUDIES

(A UGC- SAP Department)

Head of the Department: Prof. Dr. P. K. Rathod, M.Com. M.Phil, Ph.D., FDPM-IIM-Ahmedabad
Coordinator, UGC-SAP

Phone : (O) 02692 226872/226873 (R) 02692 261007 (M) 9879278450

Faculty: 03 Professors, 02 Associate Professors, 03 Assistant Professors

Innovative Practices :

- Introduction of CBCS Semester System and Grading System from June, 2010
- Students' Seminar – Goods and Service Tax & Direct Tax Code
- Motivating students to write a conference/seminar papers
- Students are participating in UGC-SAP National Seminar
- Faculty members participated in FDP in Management, IIM-Ahmedabad
- Workshops on UGC NET/SLET
- “Skill-Will” Programme (Course Paper) – Communication skills, soft-skills, job-skills and presentation skills
- Career Planning (Course Paper)
- PowerPoint Presentations – M. Com., M. Phil. and Ph.D.

Research Activities :

- Research Projects: Major Completed – 05 and 4 are ongoing; and Minor Completed – 19 and 1 is ongoing.
- Produced : 93 Ph.D. and 217 M. Phil in the areas mainly F & A, Mgt., HRM
- Publications : 64 Books and Large No. of Papers of Faculty Members
- Awards : 2 National Levels
- Seminars Organised : 21
- Workshops Organised : 02
- Refresher Course Organised : 05
- UGC – SAP (DRS Phase – I): First and only Department of Commerce not only in Gujarat but in the Western India for the 5 years from 01.04.2007 to 31.03.2012

Interaction/Collaboration:

Industry-Department – Linkages Activities of current collaboration, Curriculum Development, Course Project Work, Seminar/Symposia Sponsorship, Communication Skills Development Scheme, Teaching/Training (Visiting Guest Faculty), Viva-Voce and Evaluation of M. Com., Ph. D. and M.Phil. Dissertation Work, Case Writing/Case Study Preparation, Students' Industrial Visits and Practical Business Training and Development.

Library Facilities: Department Library: Department - 3692 Books, 20 Journals & Magazines, 4 Newspapers, UGC-SAP Library: 497Books

Achievements:

(A) Faculty Achievements:

- Dr. M. K. Patel, Ex-Professor & Head visited Hungary from 25th May to 25th June 2005 under the Indo-Hungarian Cultural Exchange Programme and has completed a project on Education Policies & Practices in European Countries and India. He also visited Thailand, Singapore, France and Austria. He has completed two projects funded and supported by international level institutes IRMA and IIMA. Dr. Patel has written three books on HRD and did FDPM from IIM, Ahmedabad with full fellowship.
- Dr. P. K. Rathod, Prof. & Head visited USA from April 19th to June 8th 2011. He contacted Dr. Sanjay Gupta, Dean, Department of Accounting, Michigan State University, Michigan, USA and Dr.

Mohinder, Dean, Department of Accounting, Oakland University, Michigan, USA for collaboration work in future in the thrust area of UGC-SAP.

- Dr. S. K. Bhatt, Professor, participated in the International Conference on Knowledge Globalisation held at Dhaka (Bangladesh) 8-10 May, 2010 organised by North South University, Bangladesh, Snffolk University, USA and Knowledge Globalisation Institute Bostan, USA. He presented a paper on “Financing to the poor: An evaluation of some lending Microfinance Institutions of India” and he also visited Grameen Bank Bangladesh for his thrust area of Major Research Project on Micro finance, Financed by U.G.C. He has written a book entitled “Corporate Financial Reporting in India”.

- Dr. C. K. Sonara wrote a book entitled “Corporate Environmental Accounting and Reporting” which has been published.

- Dr. Y. M. Dalvadi, Asst. Professor visited Tourism Department of Bangkok, Thailand on September, 2009. He met Officials of the Tourism Department to have their views on ‘Tourism Development in Thailand’.

(B) Students’ Achievements:

- One of the students Mahesh Prajapati cleared UGC NET exam and three students they are Anuj Bhatia, Tejas Gandhi and Anu Verma cleared Gujarat State Eligibility Test for lectureship.

- Four students were the winners of Badminton Tournament organized by Sardar Patel University.

- Student Anuj Bhatia secured 31st rank at India level in All India Commerce and Management Talent Search Exam conducted by Indian Commerce Association.

- A team of three students of M. Com. won 1st prize of Rs. 5,000/- and a team of three students of PG Diploma won 3rd prize of Rs. 2,000/- in Dr. BabaSaheb Ambedkar Quiz organized by Sardar Patel University.

- Student Shraddha Rudani won 2nd prize in the Gujarat Quiz Contest at district level.

Programmes Offered	Duration	Systems	Eligibility
M. Com. (CBCS) [Grant-in-aid and Self-Finance]	2 Years	Semester	A candidate who has passed the Degree of Bachelor of Commerce, or the Degree of Bachelor of Business Administration of this university under 10+2+3 pattern and has passed HSC (Std XII) Examination with English as one of the subjects, or an examination recognized as equivalent thereto, will be eligible for admission to the M.Com. programme in this University. A candidate who has passed a Bachelor's Degree in Arts (English Stream) (Economics) will be eligible for admission to M.Com. Degree Course. However, the number of such students shall not exceed 15.
M. Phil. [Grant-in-aid and Self-Finance]	1 Year	Full Time	For admission to M. Phil. the UGC Regulations 2009.
PH. D.	3 Years	Part Time	For admission to Ph.D. the UGC Regulations 2009.
PGDHRD [Post Graduate Diploma in Human Resource Development]	1 Year	Part Time	A candidate seeking admission to Postgraduate Diploma in Human Resources Development in Bachelor's degree (under 10+2+3 pattern) in any faculty of this
PGDBM [Post Graduate Diploma in Business Management]	1 Year	Part Time	University, or an examination recognized as equivalent thereto by this University, provided the applicant has passed in paper in the subject of English at the degree examination, or has studied through the medium of the English up to the degree level

**G.H.PATEL POST GRADUATE DEPARTMENT OF BUSINESS
MANAGEMENT
(DEPARTMENT OF MBA)**

Head of the Department: Professor H J Jani.

Phone: (O) 02692 248463 (M) 9825048463. **Fax:** 02692 248444 **E-mail:** ghpibmon@yahoo.co.in

Faculty: 2 Professors, 3 Readers, and 3 Lecturers

Courses Offered: MBA with specialization in Marketing and Finance areas, Ph. D. programme in management in the areas of Marketing Management, Financial Management, Organizational behavior, General and Strategic Management, Production Management and Operation Research.

Research Facilities, Six faculty Members are recognized as Ph. D. Guides. The department has also been provided with a special grant from the UGC to support research on consumer behavior and consumer education under the prestigious SAP Programme. It is the only Management Department in Gujarat to get this Status.

Major Research Activities: Major Research areas are Marketing Management, Financial Management, Human Resource Management, Accounting, and Taxation, Economics and Business Environment, Managerial and Organizational Communication, Business Policy and Strategic management, Production Management and Operations Research.

Linkages at a Glance: The department has an active collaboration with other Universities/ Industry/ research Organizations in terms of Curriculum Development, Teaching/ Training (Visiting Guest Faculty) Summer Placement, Course Project Work, Comprehensive Project Study, Viva-Voce and Evaluation of Dissertation Work, Final Placement, Sponsored Studies, Project, Seminar/ Symposia Sponsorship, Case Writing/ Case Study Preparation, Executive Education Programme, management Training and Development.

Library Facilities: Books 8000, Periodicals, and Journals - 63

Major Achievements

- The Department has produced more than 800 trained young Executives/Managers since its inception in 1989 (480 during IX plan).
- Rated among the top three business schools in Gujarat in terms of GCET student preference.
- Undertook various Marketing Research Consultancy Projects
- Organized Executive Development Programme/ Management Development Programmes.
- 100 percent placement record since inception.
- Competent and experienced faculty
- Best Infrastructure among all University run business schools in Gujarat.

Program Name	Duration	Eligibility	Program Highlights
M.B.A.	4 Semesters (2 Years)	Any Graduate	Emphasis on regular assessment and Feedback
Ph. D.	2 Years Through Thesis work (Full Time) 3 Years for Scholars (Part Time)	M.B.A. or Post Graduation in any related discipline	Six Faculty Members are, recognized as Ph. D. guides in different areas of discipline.

P. G. DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

Head of the Department: Professor Dr. U. A. Thaker

Phone Number: (O) 02692 226880 (R) 02692 246559

Faculty: 2 Professors, 1 Lecturer.

Courses Offered: B. Lib. & Inf. Science, M. Lib. & Inf. Science., M. Phil and Ph. D.

Major Research Activities

a) Faculty Engaged in

- Work in Minor and Major Research Projects Funded by UGC.
- Publishing research papers, project, Articles and Books.
- Participating in International, National and State level Seminar / Conference / Workshop etc.

b) Students engaged in

- Research work for Ph. D. & M. Phil
- Research project for MLI Sc.

Major Research areas

- Modernization of libraries.
- Computerization and Networking of University libraries.
- Collection development in Internet era.
- Knowledge management.
- Institutional Repositories.
- Digital libraries.
- Information Analysis, Repackaging and Consolidation.
- Information & Communication Technology.

Facilities

- Library Facilities: 2000 Books & 10 Journals.
- Computer Laboratory having Six Computers with Printers.
- Internet Facilities.

Major Achievements

- 100% Students have secured suitable placements in different types of libraries.
- Two faculty members are UGC expert.
- Organized two refresher courses.
- Organized National & State level Seminar / Conference.
- Faculties delivered expert lectures at different Universities.
- Faculties delivered lectures as a resources persons in Refresher courses.
- Faculties worked as chairperson in different conventions.
- Eminent Scholars of the field delivered lectures to our Students.

Programme Name	Duration	Eligibility
B. Lib. & Inf. Sci.	1 Year	Deg. in any Branch with English
M. Lib. & Inf. Sci.	2 Years	B. Lib. & Inf. Science.
M. Phil	1 Year	M. Lib. & Inf. Science.
Ph. D.	Minimum 3 Years	M. Lib. & Inf. Science.

N.V.PATEL POSTGRADUATE DEPARTMENT OF COMMUNICATION AND MEDIA STUDIES

Head of the Department: Dr. J. H. Khan, (Hon. Director)

Phone: (O): 02692 226859/226829, 232200

Courses Offered: Postgraduate Diploma in Media Studies

Research Facilities & Activities, Major Sophisticated Equipments: 1 T.V., 1 DVD Player

Major Achievements: Our students find gainful employment.

Library Facilities: Books - 16 and Newspapers

Special information: The department is in its nascent stage and we are trying to strengthen the Department.

Thrust Area: Advertising and PRO.

Program Name	Duration	Eligibility
P.G. Diploma in Media Studies	2 Semesters (1 year)	Bachelor Degree in any discipline

USIC (UNIVERSITY SCIENCE INSTRUMENTATION CENTRE)

Head of the Department: Shri Sulax C Shah. (I/c Head)

Phone: (O) 02692 226850/51 **(R)** 02692 235715.

Staff: 03- Technical Staff, 10-Technical Assistant, 02 Administrative Staff

Courses Offered: PG Diploma in Instrumentation.

Library Facilities: Books –800, 06 Technical magazines are subscribed

Other facilities : Computers – 04, Internet – 03 nodes

Special information: USIC is helping all the departments as well as affiliated colleges in repairing and maintaining of instruments and fabrication of instruments for Research Scholars.

Major Achievements

- Extends repairing, maintenance and research facilities to the Postgraduate Departments of Sardar Patel University as well as to its affiliated colleges and nearby institutes.
- In view of the infra-structural facilities and services provided, the UGC has upgraded the centre from level-II to level-III in 1990.
- Conducts special courses in instrumentation, designed specially to upgrade the knowledge of technical and scientific staff of USIC and of other institutions in maintenance of instruments.
- Conducts short-term courses for students, teachers of University Departments as well as colleges on various aspects of instrumentation and training programmes on proper use of instruments.
- Has started a 2 semester Post B.Sc. Diploma in Instrumentation with an intake of 6 students to generate middle order technical manpower for the industries since 1991.
- 16 batches of the Post B.Sc. Diploma in Instrumentation have successfully completed and all the students of previous batches have found gainful employment in well-reputed industries in and around Gujarat and abroad.

CHAPTER – 1

CURRICULAR ASPECTS

Sardar Patel University offers a wide range of academic programmes grouped mainly in four categories – Undergraduate and Postgraduate Degree programmes, Diploma, and Certificate. Postgraduate degree programmes under postgraduate departments and a constituent college and Undergraduate degree programmes under affiliated colleges. All these programmes are available to the international students also. There are 112 programmes available to the students. The following are the salient features of the curricular aspects of the programmes offered by the University

Courses are mainly of two types – compulsory core courses, and optional elective courses in almost all postgraduate departments. These courses are of an advanced level seeking a vital balance between horizontal development as well as vertical development in a subject thought so important so as to balance scholarship and frontier-level pointed research capability. The core courses are aimed at training a student in a broad area of the subject centered on the main core, imparting him/her basic professional knowledge, skills, and a scholastic overview of the subject. On the other hand, optional, highly specialized courses are aimed at pushing a student vertically upward to the frontiers of research in a specific subject. Availability of a large number of options among the courses that are being offered gives a wide range of choice to the students. We update them every 3 to 5 years.

The syllabi and related activities are recommended by representative, Board of Studies to the higher academic bodies of the university such as Faculty, Postgraduate Board, Academic Council, and the Executive Council.

CHOICE BASED CREDIT SYSTEM: THE NEW VENTURE

Since this year, the university introduced the Choice Based Credit System (CBCS) in all its UG and PG Programs except the M. Phil. and MQPM programs. The PG programs were already having semester system whereas some UG programs in yearly system also introduced the semester system for CBCS. The university boasts to be the first university in Gujarat that introduced the CBCS at all levels successfully. Organization of a series of brain storming Workshops, Meetings followed by formation of a Task Force and a specially devised Smooth Examination Conduct Committee for the smooth implementation of CBCS ensured the success of the system in the first go.

CBCS COURSE STRUCTURE

1. Departments/Colleges/Institutes shall offer 24 credits per semester. If student clears 144 credits at the end of 6th semester, he/she will be awarded A Level (Honors) Degree. If Student clears 120 credits at the end of 6th semester he/she will have option to obtain G Level (General) degree.

<u>Core Compulsory</u>	<u>Generic Elective</u>	<u>Generic foundation</u>
Course I -3 credits	2 credits/semester+	2 credits/semester+
Course II -3 credits	Add on course of 2	Add on course of 2
6 credits/semester	credits/semester	credits/semester
<u>Core Elective (Allied)</u>	<u>Discipline centric elective/Open elective</u>	<u>Elective foundation</u>
Course I -3 credits	2 credits/semester	2 credits/semester
Course II -3 credits		
6 credits/semester		

A general framework for Bachelor's programme shall be as follows:

- G (General) Level programme 120 credits
- A (Honors) Level programme 144 credits
- S (Special) Level 4 year BS programme 192 credits

Level	Semester –Wise credits.								Total
	1	2	3	4	5	6	7	8	
G	20	20	20	20	20	20	-	-	120
A	24	24	24	24	24	24	-	-	144
S	24	24	24	24	24	24	24	24	192

Note : A candidate can obtain 'G' Level (General Degree), at the end of the six semester only when a candidate has earned 60% of total credit from core compulsory/Core allied courses. Candidate should also have sufficient (more than 20%) credits from Foundation and Elective Segments.

2. A candidate who decides to avail the add-on facility can register for a maximum of 30 credits per semester including 24 credits for regular papers. Such candidates have to pay extra fees for add on credits registered.
3. A candidate can opt maximum 24 credits per semester. To achieve maximum 30 credits per semester to accelerate pace, students have to manage additional 6 credits by opting courses from regular (add on) or higher semester or from other faculty.
4. In each course, syllabus shall be of 4 Units.

Note: At PG level there are two types of courses, Core Courses and Elective Courses and a candidate has to earn 25 credits per semester, including one additional credit from comprehensive viva voce.

1.1 COURSES/PROGRAMMES OFFERED

THE UNIVERSITY OFFERS FOLLOWING COURSES

(1) DEGREE PROGRAMMES

1. B.A., B. Music & Dance, B. Lib & information science, M. Lib. & Information Science, M.A., M. Phil., B.S.W., M.S.W., Interior Design, and Ph.D. in the faculty of Arts.
2. B.Sc., M.Sc., M. Phil., B.C.A., M.C.A. and Ph.D. in the Faculty of Science.
3. B. Com, B. Com. (Honors), M. Com., M. Phil and Ph.D. in the Faculty of Business Studies, B. Com. (Honors).
4. B.B.A., B.B.A. IT (Honors), B.B.A. HM & ITM (Honors), B.B.A. (ISM), B.B.A. (Foreign Trade), M.B.A. and Ph.D. in the Faculty of Management.
5. B.E. (E. M. E. Production, Electronics, Information Technology, Chemical Engineering, Mechatronics, Electronics and Communication & Computer Engineering, Valuation & Industrial Hygiene, Food Processing Technology).
6. M.E. (C. M. & E.) Electronics and Computer, Structural Environmental, Master of Valuation, Master of Industrial Hygiene, Master of Technology in Town Planning, and Ph.D. (C. M. & E.).Master of Valuation and Real Estate and Solar Energy System in the Faculty of Engineering & Technology.
7. Five year Diploma in Architecture.
8. Post Diploma Degree Course in Mechanical Engineering (P. T.)
9. LL.B. (General), LL.B. (Special), and LL.M. in the faculty of Law, B. A LL. B., B.B.A LL.B
10. B. Ed., B. Ed. (English Medium), M.Ed., and Ph.D. in the Faculty of Education.
11. B.Sc. (Home Science) (General & Special) M.Sc. (Home Science), (Food & Nutrition and General) and Ph.D. in Food and Nutrition in the Faculty of Home Science.
12. B.H.M.S. (Graded and Direct Degree Course) and M.D. (Homeopathy) in the Faculty of Homeopathy.

13. M.B.B.S. and Ph.D., B. Physio, B.Sc. MLT in the Faculty of Medicine.
14. B. Pharm, M. Pharm and Ph.D. in the Faculty of Pharmaceutical Science.

(2) SELF-FINANCED PROGRAMMES

1. M.A. (English), M.A. (ELT), M.A. (Hindi), M.A. (Gujarati), M.A. (Sanskrit), M.A. (Economics), M.A. (Psychology), M.A. (Sociology), M.A. (History), M.A. (Logic & Philosophy), M.A. (Education), M.A. (Communication & Media Studies) M.P.A.
2. M.B.A.
3. Master in E-Business
4. M.Sc. (Microbiology), (Bio-Technology), (Bio-Chemistry), (Botany) (Genetics) (Forensic Sci.) (Information Tech.) (Surface Coating Tech.)
5. M.Sc. (Organic Chemistry), (Analytical Chemistry), (Physical Chemistry), (In Organic Chemistry), (Industrial Polymer Chemistry), (Pharm. Chemistry)
6. M.Sc. (Electronics)
7. M.Sc. (Mathematics)
8. M.Sc. (Information Science)
9. M.Sc. (Materials Science), M.Sc. (Nano-Technology)
10. Master of Valuation (Real Estate/Plant & Machinery)
11. M.Sc. (Industrial Chemistry)
12. M.Sc. Home Science (Family Resource Management) (Textiles & Clothing), (Human Development), (Food Bio-Technology), (Food & Nutrition)
13. Master in Quality & Productivity Management (MQPM)
M.C.A, M. Sc (Bio-Informatics)
14. M.S.W. (Master of Social Work), MHRM (Master of Human Resource Management)
15. M.Sc. (Medical): (i) Anatomy (ii) Physiology (iii) Bio-Chemistry (iv) Microbiology (v) Pharmacology
16. M.D.: Medicine & Anesthesia, M. S. ENT
17. (i) P.G. Dip. In Medicine: Anesthesia (DA), (ii) P.G. Dip. In M. S. ENT: DLO, (iii) P.G. Dip. In Radiology
18. M.D. (Homoeopathy): (i)Materia Medica (ii) Repertory (iii) Homoeopathic Philosophy.

(3) DIPLOMA AND POSTGRADUATE DIPLOMA PROGRAMMES

1. P. G. Diploma in Computer Science and Applications
2. Diploma in General Nursing and Midwifery
3. Diploma in Medical Laboratory Technology
4. Diploma in Pharmacy
5. P. G. Diploma in Business Administration
6. Diploma in Music and Dance
7. Diploma in Taxation Laws and Practice
8. Diploma in Co-operative Laws and Practice
9. Diploma in Labor Laws and Practice
10. Post B.Sc. Diploma in Analytical Chemistry
11. P.G. Diploma in Hindi Linguistics
12. Post B.Sc. Diploma in Industrial Chemistry (Oil, Fats & Waxes)
13. Post B.Sc. Diploma in Paints and Varnishes
14. P.G. Diploma in Functional Hindi
15. P.G. Diploma in Drama & Dramatics
16. Post B.Sc. Diploma in Instrumentation
17. P.G. Diploma in Education Management
18. P.G. Diploma in Company Administration
19. P.G. Diploma in Fashion Designing & Merchandizing
20. Post B.Sc. Diploma in Plastic Technology
21. Post Diploma Degree Course (Mechanical) (Part-time)

22. Diploma in Human Resource Development
23. P.G. Diploma in Polymer Science
24. P.G. Diploma in Marketing Management
25. P.G. Diploma in Medicine Anesthesiology (D.A.)
26. P.G. Diploma in M.S. ENT. DLO
27. P.G. Diploma in Early Childhood care Education
28. P.G. Diploma in Banking
29. P.G. Diploma in E-Business.
31. P.G. Diploma Degree Management
32. P.G. Diploma in the Teaching of English
33. P.G. Diploma in Translation Studies
34. P.G. Diploma in Logistics & Retail Management

(4) CERTIFICATE COURSES

1. English Language Teaching
2. Advanced Certificate Course in Communication Skills in English
3. Guidance & Counseling
4. Junior and Senior Certificate Courses in English
5. School Administration
6. Certificate Course in Foreign Language
7. Basic Language Course
8. Data Entry Course
9. Computer Fundamental
10. C. Programming
11. RDBMS
12. Objected Oriented Programming
13. Visual Basic
14. Power Builder
15. Case tools (Turbo Analyst & Rational Designer)
16. SPSS

1.2 COURSE REVISION AND ADDITIONS DURING THE YEAR 2010-2011 DEPARTMENTS

No	Name of the Department	New Courses Revision
1.	Electronics	Revised M.Sc. (Electronics) Syllabus according to CBCS
2.	Library and Information Science	Postgraduate course in Library Networking & Digital Technology' offered for the MLISc Students.
3.	Physics	All the four Semesters of M. Sc. (Physics) courses revised according to CBCS
4.	Mathematics	All the M.Sc. (Mathematics) Courses revised to suit the CBCS
5.	Business Studies	Since, the department has introduced the CBCS system from 2010-11, the courses of study are revised or changed as per the requirements.
6.	Political Science	All courses of M.A. III and IV Semesters revised according to CBCS
7	Gujarati	M.A. we have introduce new papers like Art of Film Appreciation, Life Enrichment Course and Authors of Indian literature

1.3 NEW PAPERS BEING OFFERED FROM THE YEAR 2010-2011 IN DEPARTMENTS

No	Name of the Department	New Paper being offered
1.	Mathematics	Problems and Exercises in Mathematics (Sem-II)
		Stochastic Analysis and Stochastic Differential Equations (Sem-II, Sem-IV)
		Mathematics Research Seminar Course (Sem-IV)
		Mathematics Education (Sem-III, Sem-IV)
		Financial Mathematics (Sem-III, Sem-IV)
		Fourier Analysis (Sem-III, Sem-IV)
2.	Physics	M. Sc. & M.Phil New courses according to CBCS scheme and elective courses of M. Sc. (I to IV Semester) are newly framed
3.	History	“Peasant History in India”
		“History of Gujarat”
		“Evolution of Society and Economy in Ancient India”
4.	Political Science	M.A. III Semester – CBCS
		PA03CPOS01 – Core Course-I - Local Self Government
		PA03CPOS02 – Core Course-II - Indian Foreign Policy
		PA03CPOS03 – Core Course-III - Public Administration
		PA03EPOS01 – Elective Course-I - Constitutional Law of India
		PA03EPOS02 – Elective Course-II – Environmental Problems in India
		PA03SPOS01 – Public Policy and Administrative Reforms
		PA03ICT01 – Soft Skill – Communication Skill
		PA03VPOS04 – CVV – Comprehensive Viva Voce
		M.A. IV Semester – CBCS
		PA04CPOS01 – Core Course-I - Social Justice and Human Rights in Local Self Government
		PA04CPOS02 – Core Course-II - Political Parties in India
		PA04CPOS03 – Core Course-III - International Organization
		PA04EPOS01 – Elective Course-I - Feminism and Women’s Participation in Indian Politics
		(5) PA04EPOS02 – Elective Course-II – India’s Administration
		PA04SPOS01 – Research and Training in Panchayati Raj Institutions
PA04ICT01 – Soft Skill – Communication Skill		
PA04VPOS04 – CVV – Comprehensive Viva		
5.	Gujarati	M. A. we have introduce new papers like Art of Film Appreciation, Life Enrichment Course and Authors of Indian literature

CHAPTER – 2

TEACHING, LEARNING AND EVALUATION

University has endeavored constantly to ensure that both the faculty and the learners experience a certain awakening and enlightenment in the process of teaching learning. We tend to perceive the process as an evolution of the whole from the whole, and we have worked hard to trigger this further through a process leading to life-long learning. We believe that this can be made possible through appropriate emphasis laid on both the cultural and vocational aspects of learning, though fortified by the philosophy contained in the Sanskrit dictum, which is our “**SHEEL VRITTA FALAM SHRUTAM**”. Translated into English, this would read, as “Character and conduct are the fruits of learning.” That provides the rationale for our insistence on the phrase ‘**EXCELLENCE MATTERS**’, which is not a punch line for us but an affirmation of our belief. It is in this context that we follow the message contained in Sardar Vallabhbhai Patel’s warning to educationists in a speech made in Gujarati which, which translated into English, reads: “*Education without character is of no value. We must be intent on producing citizens of Independent India and not helpless people loitering for jobs.*”

2.1 NUMBER OF ACADEMIC DAYS IN THE YEAR 2010-2011

Number of Days Devoted to Teaching, Admission, and Examinations at Undergraduate and Postgraduate Level 2010-2011

Level	Classes Conducted (Days)	Days Spent on Admission & Examinations
Postgraduate	210	72
Undergraduate	210	60

The Academic calendar of colleges and University Departments in various faculties is prepared and announced well in advance. Classes are never allowed to be missed. Alternative teaching arrangements are always made of the teachers, if a teacher is absent. In almost every department, teachers mark the presence of the students in each lecture everyday. Normally every teacher is available in the department at least for six hours a day, irrespective of his/her lecture schedule on that given day. In fact, some of the science departments and management department function from 9:00 am to late in the evening. This makes for the availability of teachers for students’ counseling for the whole day.

2.2 ADMISSION

Complete transparency in admissions and evaluation, efficient use of time, a student-friendly approach, strict adherence to merit, special provisions for students from weaker sections like SC, ST, SEBC, Physically/Visually handicapped etc as well as for meritorious students, and special provisions for students from other universities in Gujarat as well as the other states in the Union of India are the hallmarks of our policy on admissions.

We try to work with clockwise precision and are, therefore, regular in all aspects of the teaching-learning process that is central to a University. The admission process is set in motion once a thoroughly updated prospectus with an application blank in it is ready. This is designed to introduce the University, highlighting the details of the admission process to guide them in choosing the right academic programme for them. It is priced and is readily available through some counters identified in the main administrative building of the University. Each of the Departments in the University bring out a leaflet-type brochure containing details of the programmes and courses offered, facilities available in it, names of the entire faculty consisting of specialist teachers, with their specializations clearly indicated, the work done by the Department so far, and its future plans. Any applicant who wishes to know more has the option of contacting the Department concerned free guidance and counseling before he/she makes an application for admission to it.

The University issues an official notification in mid-May every year and then gets this published in newspapers with large circulation. We invite and process the applications during the last two weeks of the preceding academic year to cut down upon the time taken to complete the process of admissions. Having processed the applications, we prepare the merit list of all applicants desirous of seeking admission to a particular programme and display it on the University website (www.spuvvn.edu) for public access. In the last four years, we have developed a system of centralized admissions. The merit list of applicants for each programme is also displayed prominently on the Notice Board in the Department concerned. The counseling date / admission date / test date / interview date and time for different Department are well in advanced are announce in the prospectus itself. In addition, the admission process is executed as per the schedule in a transparent way.

Each of the Departments in the University has an admission committee, usually with the Head as the convener, entrusted with the task of finalizing admissions. The committee has the brief of ensuring that admissions are granted strictly on the basis of merit. However, when there is provision of an entrance test for admission on a particular programme, a new merit list, which has a judicious mix of the initial merit and merit based on the results of the entrance test (intimated beforehand in the Prospectus), is used for granting admissions. This way, we admit applicants in the order of merit against open seats, reserved seats for SC (7%), ST (15%), SEBC (27%), Physically/Visually handicapped (3%) etc, and seats for students from other universities in Gujarat (10%) and the other states in the Union of India (20% seats set aside for them in Departments in the University recognized by the UGC under its Special Assistance Programme (SAP) because this is mandatory under the UGC provisions). The process is usually completed in a day or two at the most.

We use the e-mail, the Internet, and the telephone as tools to communicate effectively and efficiently within a short span of time. The academic calendars are ready by the time the admissions are over, and these are then displayed on the notice board in the Department concerned, which is how we are able to begin teaching immediately thereafter.

THE FOLLOWING STATISTICS DESCRIBED THE STUDENT'S ENROLMENT IN THE YEAR 2010-2011

Total Number of students admitted at Undergraduate, Postgraduate, Diploma, and Research Degree Level 2010-2011

Students	No.	Percentage (%)
Postgraduate Students	9732	21.98
Undergraduate Students	34005	76.81
Diploma /Certificate Students	271	0.61
M.Phil.	188	0.42
Ph.D.	78	0.18
Total	44274	100

FACULTY WISE ENROLLMENTS IN THE YEAR 2010-2011

A. Postgraduate Level

No.	Degree	Male	Female	Total
1.	Faculty of Arts	2426	1723	4149
2.	Faculty of Science	1812	1274	3086
3.	Faculty of Business Studies	504	434	938
4.	Faculty of Engineering & Technology	17	6	23
5.	Faculty of Management	268	126	394
6.	Faculty of Education	52	53	105
7.	Faculty of Home Science	6	220	226
8.	Faculty of Law	81	39	120
9.	Faculty of Homoeopathy	23	28	51
10.	Faculty of Medicine	80	156	236
11.	Faculty of Pharmacy	24	6	30

12.	Faculty of Computer Science	268	106	374
	Total	5561	4171	9732

B. Undergraduate Level

No.	Degree	Male	Female	Total
1.	Faculty of Arts	5612	3075	8687
2.	Faculty of Science	6096	3807	9903
3.	Faculty of Business Studies	3862	1918	5780
4.	Faculty of Management	3515	1621	5136
5.	Faculty of Education	654	694	1348
6.	Faculty of Home Science	000	460	460
7.	Faculty of Law	652	278	930
8.	Faculty of Homoeopathy	359	454	813
9.	Faculty of Medicine	369	579	948
	Total	21119	12886	34005

P.G. Students enrolment in university departments 2010-2011

P. G. STUDENTS ENROLLED IN FACULTY OF ARTS														
Department (General) (Previous)														
Department		Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Gujarati	Pre.	3	14	4	2	7	12	13	7	0	0	27	35	62
Hindi	Pre.	22	21	10	7	15	8	8	13	1	0	56	49	105
Sanskrit	Pre.	7	8	5	6	13	2	13	7	0	0	38	23	61
English	Pre.	7	24	5	5	6	2	7	7	0	0	25	38	63
Economics	Pre.	10	15	2	4	8	2	11	8	0	0	31	29	60
History	Pre.	15	8	6	2	9	4	10	5	1	0	41	19	60
Sociology	Pre.	20	19	2	2	4	8	3	6	0	0	29	35	64
Political Sci.	Pre.	8	2	2	3	0	0	8	0	0	0	18	5	23
Psychology	Pre.	9	9	1	4	7	3	2	5	0	0	19	21	40
B.lib.	Pre.	7	8	2	1	3	1	3	2	1	0	16	12	28
M.Lib.(P)	Pre.	1	2	1	0	2	0	3	0	0	0	7	2	9
	Total	109	130	40	36	74	42	81	60	3	0	307	268	575
Department (Previous) (Self Financed)														
Gujarati	Pre.	8	25	5	0	3	4	6	3	0	0	22	32	54
Hindi	Pre.	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanskrit	Pre.	6	8	0	1	7	4	3	1	0	0	16	14	30
English	Pre.	7	12	2	2	3	4	6	1	0	0	18	19	37
Economics	Pre.	8	8	2	3	0	2	4	0	0	0	14	13	27
History	Pre.	0	0	0	0	0	0	0	0	0	0	0	0	0
Sociology	Pre.	7	4	2	0	1	0	4	0	0	0	14	4	18
Psychology	Pre.	9	13	2	1	6	0	6	2	0	0	23	16	39
M.Com.	Pre.	5	2	0	0	0	0	0	0	0	0	5	2	7
B.lib.	Pre.	3	3	1	1	1	0	0	3	0	0	5	7	12
M.Lib.	Pre.	5	9	1	4	0	0	3	3	0	0	9	16	25
M.S.W.	Pre.	19	11	7	4	5	2	7	1	0	0	38	18	56
M.H.R.M	Pre.	24	32	4	1	1	0	6	1	0	0	35	34	69

Total		101	127	26	17	27	16	45	15	0	0	199	175	374
Department (Final) (General)														
Department		Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Gujarati	Final	4	9	3	5	2	11	4	7	0	0	13	32	45
Hindi	Final	10	7	6	11	7	11	8	5	1	0	32	34	66
Sanskrit	Final	9	6	5	3	6	10	10	3	0	0	30	22	52
English	Final	17	8	3	2	2	6	4	3	0	0	26	19	45
Economics	Final	6	16	6	2	3	9	3	5	0	0	18	32	50
History	Final	8	5	6	4	12	2	8	1	0	0	34	12	46
Sociology	Final	9	13	2	4	7	5	6	10	0	0	24	32	56
Political Sci.	Final	6	2	3	2	1	2	0	1	0	0	10	7	17
Psychology	Final	2	13	2	3	1	5	3	4	0	0	8	25	33
M.Lib.(F)	Gen.	3	2	1	0	0	1	0	2	0	0	4	5	9
Total		74	81	37	36	41	62	46	41	1	0	199	220	419
Department (Final) (Self Financed)														
Gujarati	Final	7	14	0	1	1	2	8	8	0	0	16	25	41
Hindi	Final	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanskrit	Final	1	1	1	2	3	2	3	1	0	0	8	6	14
English	Final	12	11	3	4	1	3	8	9	0	0	24	27	51
Economics	Final	7	13	1	1	0	2	0	2	0	0	8	18	26
History	Final	0	2	0	0	1	0	0	0	0	0	1	2	3
Sociology	Final	4	3	1	2	2	1	2	3	0	0	9	9	18
Psychology	Final	6	10	1	0	2	1	1	2	0	0	10	13	23
M.Lib.	Final	5	5	2	2	0	2	0	0	0	0	7	9	16
MSW	Final	27	16	8	1	9	1	8	1	0	0	52	19	71
MHRM	Final	28	27	5	1	0	0	2	2	0	0	35	30	65
Total		97	102	22	14	19	14	32	28	0	0	170	158	328
M.Phil. Department (General)														
Gujarati	M.Phil	2	0	2	0	1	0	2	1	0	0	7	1	8
Hindi	M.Phil	2	2	0	1	3	0	6	0	0	0	11	3	14
Sanskrit	M.Phil	0	1	0	0	0	0	2	0	0	0	2	1	3
English	M.Phil	1	5	0	0	0	0	0	0	0	0	1	5	6
Sociology	M.Phil	4	2	1	0	2	2	3	1	0	0	10	5	15
Economics	M.Phil	1	2	5	0	0	0	1	1	0	0	7	3	10
Total		10	12	8	1	6	2	14	3	0	0	38	18	56
M.Phil Department (Self Financed)														
Gujarati	M.Phil	6	0	1	1	1	2	3	1	0	0	11	4	15
Hindi	M.Phil	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanskrit	M.Phil	0	1	0	0	0	0	0	0	0	0	0	1	1
English	M.Phil	2	4	2	0	0	1	0	0	0	0	4	5	9
Sociology	M.Phil	3	1	1	0	4	1	4	0	0	0	12	2	14
Psychology	M.Phil	2	3	1	0	0	0	1	2	0	0	4	5	9
Economics	M.Phil	0	0	0	0	0	0	0	0	0	0	0	0	0
M.Lib.	M.Phil	5	5	2	1	1	0	2	2	0	0	10	8	18

Social Work	M.Phil	2	4	0	0	0	0	0	2	0	0	2	6	8
Total		20	18	7	2	6	4	10	7	0	0	43	31	74
P.G. Diploma Course														
Diploma (General)		0	0	0	0	0	0	0	0	0	0	0	0	0
Diploma Drama		2	0	0	0	0	0	0	0	0	0	2	0	2
P.G.D.M.S.		0	0	0	0	0	0	0	0	0	0	0	0	0
PGDDM(AISW)		0	0	0	0	0	0	0	0	0	0	0	0	0
P.G.D.L.N. (LIB.)		0	0	0	0	0	0	3	0	1	0	4	0	4
Total		2	0	0	0	0	0	3	0	1	0	6	0	6

P.G.STUDENTS ENROLLED IN FACULY OF COMMERCE														
Commerce Department (General) (Previous)														
		27	42	14	4	4	3	13	13	1	0	59	62	121
Department (Previous) (Self Financed)														
		73	69	6	2	0	1	6	6	0	0	85	78	163
Department (Final) (Self Financed)														
		31	36	6	2	6	4	14	9	1	0	58	51	109
Department (Final) (Self Financed)														
		48	61	1	0	1	1	7	3	0	0	57	65	122
M.Phil Department (General)														
		6	4	0	1	0	0	1	0	0	0	7	5	12
M.Phil Department (Self Financed)														
		4	9	2	0	0	0	1	2	0	0	7	11	18
P.G. Diploma Course														
PGHRD		33	22	8	3	9	1	5	5	0	0	55	31	86
PGDBM		37	10	0	0	0	1	4	1	1	0	42	12	54

P.G. STUDENTS ENROLLED IN FACULTY OF EDUCATION														
M.Ed (General)		5	8	3	3	4	2	5	4	0	1	17	18	35

P.G.STUDENTS ENROLLED IN FACULTY OF HOME SCIENCE														
Department (General & Self Financed) (Previous)														
F&N(Dept.)	Pre	0	10	0	0	0	0	0	2	0	0	0	12	12
Gen.(Dept.)	Pre	0	0	0	0	0	0	0	0	0	0	0	0	0
F&N(Dept.) SF	Pre	0	12	0	0	0	0	0	0	0	0	0	12	12
H&D(Dept.)SF	Pre	1	20	0	0	0	0	0	1	0	0	1	21	22
T&C(Dept.)SF	Pre	0	15	0	0	0	2	0	2	0	0	0	19	19
FRM(Dept.)SF	Pre	0	15	0	0	0	0	0	1	0	0	0	16	16
FBT(Dept.)SF	Pre	4	18	0	0	0	0	0	1	0	0	4	19	23
Total		5	80	0	0	0	2	0	5	0	0	5	87	92
Department (General & Self Financed) (Final)														
F&N(Dept.)	Final	0	9	0	0	0	0	0	2	0	0	0	11	11
Gen.(Dept.)	Final	0	0	0	0	0	0	0	0	0	0	0	0	0
H&D(Dept.)SF	Final	1	11	0	0	0	0	0	0	0	0	1	11	12
T&C(Dept.)SF	Final	0	13	0	0	0	0	0	0	0	0	0	13	13
FRM(Dept.)SF	Final	0	10	0	0	0	0	0	1	0	0	0	11	11

FBT(Dept.)SF	Final	0	14	0	0	0	0	0	0	0	0	0	0	14	14
	Total	1	48	0	0	0	0	0	1	0	0	1	49	50	

P.G.STUDENTS ENROLLED IN FACULTY OF LAW														
LLM	I-Sem	49	19	0	0	1	0	0	1	0	0	50	20	70
LLM	II-Sem	19	17	5	1	1	0	6	1	0	0	31	19	50
	Total	68	36	5	1	2	0	6	2	0	0	81	39	120

P.G.STUDENTS ENROLLED IN FACULTY OF MANAGEMENT														
Department (General, Self Financed & NRI) (Previous)														
M.B.A.	GEN	35	2	2	1	0		3	0	0	0	40	3	43
M.B.A.	SF	16	0	1	0	1	2	0	0	0	0	18	2	20
M.B.A.	NRI	9	9	0	0	0	0	0	0	0	0	9	9	18
	Total	60	11	3	1	1	2	3	0	0	0	67	14	81
Department (General, Self Financed & NRI) (Final)														
M.B.A.(F)	GEN	15	4	4	0	4	0	7	1	1	0	31	5	36
M.B.A.(F)	SF	6	4	0	0	1	1	6	0	0	0	13	5	18
M.B.A.(F)	NRI	9	9	0	0	0	1	0	1	0	0	9	11	20
	Total	30	17	4	0	5	2	13	2	1	0	53	21	74
Diploma Course														
PG.D.M.M.		8	3	0	0	0	0	0	0	0	0	8	3	11
P.G.D.B.A.		23	9	0	1	0	0	4	1	0	0	27	11	38
	Total	31	12	0	1	0	0	4	1	0	0	35	14	49

P.G.STUDENTS ENROLLED IN FACULTY OF SCIENCES														
M.Phil (Science)(General)														
Department		Open		SC		ST		OBC		PH		Total		Total
Mathematics	M.Phil	4	5	0	0	0	0	2	1	0	0	6	6	12
Physics	M.Phil	4	4	0	0	0	0	3	0	0	0	7	4	11
Statistics	M.Phil	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	8	9	0	0	0	0	5	1	0	0	13	10	23
M.Phil (Science) (Self Financed)														
Mathematics	M.Phil	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	M.Phil	4	1	0	0	0	0	0	0	0	0	4	1	5
Statistics	M.Phil	0	0	0	0	0	0	0	0	0	0	0	0	0
Computer Sci.	M.Phil	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	4	1	0	0	0	0	0	0	0	0	4	1	5
M.Sc (Previous) (General)														
Mathematics	M.Sc	18	24	1	5	3	2	4	3	0	0	26	34	60
Statistics	M.Sc	37	4	1	0	0	0	1	0	0	0	39	4	43
Physics	M.Sc	29	16	3	0	2	0	6	5	0	0	40	21	61
Chemistry	M.Sc	36	14	5	2	1	2	12	6	0	0	54	24	78
Materials Sci.	M.Sc	12	0	1	0	0	0	3	0	0	0	16	0	16
Electronics	M.Sc	21	6	3	1	0	0	1	1	0	0	25	8	33
Micro.	M.Sc	2	4	0	1	0	2	2	2	0	0	4	9	13

Zoology	M.Sc	2	3	0	2	0	0	0	0	0	0	2	5	7
Bio-Chemistry	M.Sc	0	7	1	1	0	0	0	3	0	0	1	11	12
Botany	M.Sc	3	6	0	0	0	0	0	0	0	0	3	6	9
Total		160	84	15	12	6	6	29	20	0	0	210	122	332
M.Sc (Previous) (Self Financed)														
Maths	M.Sc	23	4	1	0	0	1	3	1	0	0	27	6	33
Stat.	M.Sc	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	M.Sc	18	7	0	1	0	0	4	1	0	0	22	9	31
Chemistry	M.Sc	42	17	7	2	3	0	12	2	0	0	64	21	85
Mat. Sci.	M.Sc	3	0	0	0	0	0	0	0	0	0	3	0	3
Nano-Tech	M.Sc	2	2	0	0	0	0	0	0	0	0	2	2	4
Electronics	M.Sc	16	3	0	1	1	0	1	1	0	0	18	5	23
Micro.	M.Sc	4	20	0	1	0	1	0	4	0	0	4	26	30
Zoology	M.Sc	0	1	0	0	0	0	0	0	0	0	0	1	1
Bio-Chemistry	M.Sc	3	9	0	0	0	0	0	0	0	0	3	9	12
Botany	M.Sc	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-Tech.	M.Sc	10	20	0	2	0	0	1	3	0	0	11	25	36
Ind-Bio-Tech.	M.Sc	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-Information	M.Sc	9	18	0	0	0	0	2	2	0	0	11	20	31
MQPM	M.Sc	45	8	4	2	0	0	6	2	0	0	55	12	67
Total		175	109	12	9	4	2	29	16	0	0	220	136	356
M.Sc (Previous) (NRI)														
Microbiology	M.Sc	1	3	0	0	0	0	0	0	0	0	1	3	4
Bio-Tech.	M.Sc	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		1	3	0	0	0	0	0	0	0	0	1	3	4
M.Sc (Final) (General)														
Maths	M.Sc	8	16	2	4	1	3	4	7	0	0	15	30	45
Stat	M.Sc	14	1	1	0	0	2	1	0	0	0	16	3	19
Physics	M.Sc	12	12	0	1	2	1	6	4	0	0	20	18	38
Org. Chemistry	M.Sc	15	2	1	0	0	0	1	2	0	0	17	4	21
Inorg. Chemistry	M.Sc	5	3	0	0	0	0	2	0	0	0	7	3	10
Phy Chemistry	M.Sc	5	0	0	0	1	0	2	0	0	0	8	0	8
Anly Chemistry	M.Sc	5	4	2	0	0	0	2	0	0	0	9	4	13
Ind.poly.Chem.	M.Sc	6	0	0	0	0	0	4	0	0	0	10	0	10
Materials Sci.	M.Sc	5	0	0	0	0	0	0	0	0	0	5	0	5
Electronics	M.Sc	12	2	1	1	0	0	6	0	0	0	19	3	22
Micro.	M.Sc	2	8	2	1	1	1	1	1	0	0	6	11	17
Zoology	M.Sc	1	6	1	1	0	1	1	1	0	0	3	9	12
Bio-Chemistry	M.Sc	2	10	0	1	0	0	0	2	0	0	2	13	15
Botany	M.Sc	0	3	1	0	1	4	0	2	0	0	2	9	11
MQPM	M.Sc	13	12	1	0	0	1	5	1	0	0	19	14	33
Total		105	79	12	9	6	13	35	20	0	0	158	121	279
M.Sc (Final) (Self Financed)														
Mathematics	M.Sc	11	17	0	1	0	1	2	4	0	0	13	23	36
Statistics	M.Sc	0	0	0	0	0	0	0	0	0	0	0	0	0

Physics	M.Sc	5	2	0	0	1	0	3	0	0	0	9	2	11
Org. Chemistry	M.Sc	25	1	1	1	0	0	3	2	0	0	29	4	33
Inorg. Chemistry	M.Sc	2	2	0	0	0	0	0	0	0	0	2	2	4
Phy Chemistry	M.Sc	0	2	0	0	0	0	0	0	0	0	0	2	2
Anly Chemistry	M.Sc	4	1	0	0	0	0	0	0	0	0	4	1	5
Ind.poly.Chem.	M.Sc	3	0	0	0	0	0	0	0	0	0	3	0	3
Materials Sci.	M.Sc	0	0	0	0	0	0	0	0	0	0	0	0	0
Nano-Tech	M.Sc	3	2	0	0	0	0	1	0	0	0	4	2	6
Electronics	M.Sc	9	1	0	0	0	0	0	0	0	0	9	1	10
Micro.	M.Sc	7	14	0	0	0	0	2	1	0	0	9	15	24
Zoology	M.Sc	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-Chemistry	M.Sc	5	3	0	0	0	0	2	0	0	0	7	3	10
Botany	M.Sc	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-Tech.	M.Sc	5	19	0	4	0	0	3	4	0	0	8	27	35
Ind-Bio-Tech.	M.Sc	3	1	1	0	0	0	0	0	0	0	4	1	5
Bio-Information	M.Sc	12	16	0	0	0	0	2	0	0	0	14	16	30
MQPM	M.Sc	6	2	0	0	0	0	1	0	0	0	7	2	9
Total		100	83	2	6	1	1	19	11	0	0	122	101	223
M.Sc (Final) (NRI)														
Microbiology	M.Sc	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-Tech.	M.Sc	1	3	1	0	0	0	0	0	0	0	2	3	5
Total		1	3	1	0	0	0	0	0	0	0	2	3	5

M.C.A (I-Semester) (General & Self Financed)														
Department	GEN	17	3	2	1	4	2	11	0	0	0	34	6	40
Department	SF	35	5	7	0	0	0	11	0	0	0	53	5	58
Total		52	8	9	1	4	2	22	0	0	0	87	11	98
M.C.A.(III&V- Semester) (General)														
Dept.-III	GEN	14	8	6	5	3	3	1	0	0	0	24	16	40
Dept.-V	GEN	10	10	3	0	3	2	5	4	0	0	21	16	37
Total		24	18	9	5	6	5	6	4	0	0	45	32	77
M.C.A.(III&V- Semester) (Self Financed)														
Dept.-III	SF	31	12	11	2	0	0	1	2	0	0	43	16	59
Dept.-V	SF	24	12	4	1	1	0	10	2	0	0	39	15	54
Total		55	24	15	3	1	0	11	4	0	0	82	31	113
Department Diploma Course (General & Self Financed)														
P.G.D.C.A	GEN	9	9	2	3	1	2	4	0	0	0	16	14	30
P.G.D.A.C.	GEN	0	0	0	0	0	0	0	0	0	0	0	0	0
P.G.D.C.A	SF	27	13	2	0	0	1	2	1	0	0	31	15	46
Total		36	22	4	3	1	3	6	1	0	0	47	29	76

2.3 INTERNATIONAL STUDENTS

An International Students' Centre (ISC) was established in Sardar Patel University in June-July 2004. The objectives behind its establishment are: (a) to assist the International Student Community by providing information related to various courses on offer in any given year, the procedure of

admission to these courses, criteria governing eligibility, the fee to be paid etc, and (b) to facilitate the applicants in getting admission, help them settle down quickly and happily, take active interest in their studies, and take care of their welfare, including their security clearance from the local police, and so on.

International Students Centre has been fortunate enough to attract a lot of foreign students every year, thanks to our need-based innovative courses on offer year after year. Our ISC has been singularly responsible for coordinating all the activities related to the admission of international scholars through a Single Window System ever since its inception. It coordinates with Indian Council for Cultural Relations (ICCR), Ministries of Human Resource Development (HRD), External Affairs (MEA), and Home Affairs (MHA), as well as with different Embassies and Consulates for various purposes including assisting them in obtaining Student or research Visa, Scholarships etc.

International Students Center has accommodated most of these International Students with Scholarship from the ICCR, New Delhi, in the University Staff Colony, Vallabh Vidyanagar to ensure their safety and give them peaceful atmosphere.

Dr J H Khan, Professor of English, and Honorary Director, Centre for Training and Research in Language and Communication has been taking care of ISC as Honorary Director, since 23 August 2006.

List of Foreign/NRI/NRI-Sponsored students admitted to various courses in 2010-2011

No.	Name of the Scholar	Country	Course	Sponsored or Self-supported
1	Mr Haitham Kadheim Al-Sharifi	Iraq	M.Sc Chemistry	Self-Supported
2	Mr Mohammed Ali Mohammed Ali-Maamari	Yemen	BBA (ITM)	Self-Supported
3	Mr Mzen Ahmed Salaymeh	Syrian	BBA (ITM)	Self-Supported
4	Ms Pallavi Agrawal	Nepal	MBA	ICCR-Sponsored
5	Ms Nirma Chaudhary	Nepal	MBA	ICCR-Sponsored
6	Mr Ashok Kumar Deo	Nepal	MBA	ICCR-Sponsored
7	Mr Gunjesh Prasad Thakur	Nepal	MBA	ICCR-Sponsored
8	Mr Pradeep Tiwari	Nepal	MBA	ICCR-Sponsored
9	Mr Diwash Raj Dahal	Nepal	MBA	ICCR-Sponsored
10	Mr Emad Faud Abdulwahid	Yemen	PhD (Management)	Self-Supported
11	Mr Harnpakorn Padung Lordngien	Thailand	PhD Education	Self-Supported
12	Mr Wisute Sod Tongderoen	Thailand	PhD Education	Self-Supported
13	Mr Riyadh Rustam Muhsen	Iraq	PhD Statistics	ICCR-Sponsored
14	Ms Maysoon A Mohammed	Iraq	PhD Management	ICCR-Sponsored
15	Ms Amel Muhson Nanji	Iraq	PhD Chemistry	Self-Supported
16	Mr Shaker Abdulrahman Ali Al-Zuraiqi	Yemen	PhD Mathematics	Self-Supported
17	Mr Sulaiman Ahmed Ali Al-Bahar	Yemen	Ph D Home Sci.	Self-Supported
18	Ms Arwa Ahmed Salem Al Hattami	Yemen	Ph D Physics	Self-Supported

19	Mr Ali Ahmed Ben Ahmed	Yemen	PhD Biotech	Self-Supported
20	Mr Bhagwati Prasad Chaudhary	Nepal	M.B.A	ICCR-Sponsored
21	Ms Bijaya Laxmi Choudhary	Nepal	M.B.A	ICCR-Sponsored
22	Ms Shilpi Sureshkumar Agrawal	Nepal	M.B.A	ICCR-Sponsored
23	Mr Adnan Khalid Mohammed Al-Salihi	Yemen	Ph D (Maths)	ICCR-Sponsored
24	Ms Ebtessam Abdullah Ezzy Kadash	Yemen	Ph D Physics	Self-Supported
25	Mr Eissa Ali Saad	Yemen	M.Sc (MLT)	Self –Supported
26	Mrs Kusumarn Somrerkr Prasertsri	Thailand	PhD Education	Self-Supported
27	Mr Traithep Khulan Hoko	Thailand	PhD Education	Self-Supported
28	Mr Narong Thalang Sopa	Thailand	PhD Education	Self-Supported
29	Ms Chantra Plod Klodpeng	Thailand	PhD Education	Self-Supported
30	Mr Sutat Somsuk	Thailand	PhD Education	Self-Supported
31	Miss Sawanit Satit Theeraphan	Thailand	PhD Psychology	Self-Supported
32	Miss Jutarat Phayung Teapparatt	Thailand	PhD Commerce	Self-Supported
33	Mr Somkiat Kia Choraket	Thailand	PhD Education	Self-Supported
34	Mrs Pathanee Sakdechanon	Thailand	PhD Education	Self-Supported
35	Mr Wichian Marn Phumphuang	Thailand	PhD Education	Self-Supported
36	Mrs Kingpet Manob Negoenthong	Thailand	PhD Education	Self-Supported
37	Mrs Lawan Pramoth Treenet	Thailand	PhD Education	Self-Supported
38	Miss Tararat Ta Ruangjit	Thailand	PhD Education	Self-Supported
39	Miss Luksika Umpron Meekusol	Thailand	PhD Education	Self-Supported
40	Mrs Ratana Bantueng Yodhan	Thailand	PhD Education	Self-Supported
41	Miss Oratai Show Kirdpibal	Thailand	PhD Education	Self-Supported
42	Mr Watchira Pum Saksanit	Thailand	PhD Education	Self-Supported
43	Mr Chanchai Chalaow Siriphan	Thailand	PhD Education	Self-Supported
44	Mr Kittipong Pipatsivapong	Thailand	PhD Education	Self-Supported
45	Mr Phoothorn Outhai Chanthahong	Thailand	PhD Education	Self-Supported
46	Mr Busaba Somboom Twai	Thailand	PhD Education	Self-Supported
47	Mr Keval Mukeshbhai Kadia	Kampala	BCA	NRI

48	Mr Shril Dhamendra Patel	USA	BBA (ITM)	NRI
49	Mr Kashyap Bharatbhai Parikh	USA	BBA (GEN)	NRI
50	Ms Nikitaben Bhikhubhai Patel	Kenya	BBA (GEN)	NRI
51	Ms Hailey Rohit Patel	Uganda	BBA (ITM)	NRI
52	Mr Harshkumar Paresh Patel	North Carolina	BBA (GEN)	NRI
53	Ms Ankita Girishkumar Mistry	Abu Dhabi	BBA (ITM)	NRI
54	Mr Bhumik Rasikbhai Patel	Kenya	BBA	NRI
55	Ms Sejal Bhupesh Mehta	Dubai	Architecture	NRI
56	Ms Kavisha Bhavin Mehta	India	Architecture	NRI-Sponsored
57	Mr Bhargav Harshad Kshatriya	India	Architecture	NRI-Sponsored
58	Mr Kuunal Jeetendrabhai Patel	Kenya	Architecture	NRI
59	Mr Swastik Nihar Mohanty	India	MBBS	NRI
60	Ms Radha Shukla	Canada	MBBS	NRI
61	Mr Stevan Solmon Canara	India	Architecture	NRI-Sponsored
62	Ms Khushboo Dhirendrakumar Dave	Kenya	BCA	NRI
63	Ms Alisha Paresh Patel	USA	E-Business	NRI
64	Ms Dhvani Shailesh Patel	India	MBBS	NRI-Sponsored
65	Ms Esha Kirankumar Patel	USA	MBBS	NRI-Sponsored
66	Ms Avni Dilipbhai Patel	India	MBBS	NRI-Sponsored
67	Ms Twinkal Manishkumar Patel	India	BPT	NRI-Sponsored
68	Ms Dharti Rajesh Patel	USA	MBBS	NRI
69	Ms Krishna Dipakbhai Desai	India	BPT	NRI-Sponsored
70	Ms Urvashi Upendrasinh Gohil	India	MBBS	NRI-Sponsored
71	Mr Neesh Hemesh Patel	India	MBBS	NRI-Sponsored
72	Ms Kanhi Yogeshbhai Patel	India	Architecture	NRI-Sponsored
73	Ms Niral Ketankumar Sheth	India	MBBS	NRI-Sponsored
74	Ms Anusha Mangalampalli	USA	MBBS	NRI
75	Ms Nikitaben Dineshkumar Patel	India	MBBS	NRI-Sponsored
76	Ms Radhika Himanshu Pandya	India	MBBS	NRI-Sponsored
77	Ms Shruti Vithal Kamat	Canada	MBBS	NRI
78	Ms Priyanka Dharamsinh Dumralia	India	MBBS	NRI-Sponsored
79	Mr Sawan Purvish Kothari	USA	MBBS	NRI-Sponsored
80	Mr Ronak Rajesh Nandha	Tanzania	BCA	NRI
81	Ms Sweta Sanjay Deshmukh	India	BPT	NRI-Sponsored
82	Mr Rajivekumar Dixitkumar Dave	India	BPT	NRI-Sponsored
83	Ms Anita Gutta	USA	PhD Comp. Sci	NRI-Sponsored

2.4 FACULTY/STAFF INFORMATION

The University has a fairly active and committed teaching faculty. The total teaching strength in the University Department is 161 out of which 89% are Ph.D. holders. The teacher-student ratio is around 1:20 during the year 2010-2011. Besides teaching, the faculty is actively involved in research, extension, as well as contributions to academic/administrative life on the campus.

Numbers of academic staff by designation 2010-11

Name of the Post	No.
Professor	16
Associate Professor	47
Assistant Professor	96
Principal	01
Instructor	01
Total	161

New appointments made in the year 2010-11

Name of the Post	No.
Professor	---
Associate Professor	---
Assistant Professor	---
Total	---

Faculty wise, departmentwise, and designationwise faculty strength in 2010-2011

Faculty	Strength	Department	Post Name	San. Post.	Post Filled			Post Vacant		
					M	F	Total			
Arts	47	Economics	Professor	02	01	--	01	01		
			Asso. Prof.	05	--	--	--	05		
			Asstt.Prof.	06	03	02	05	01		
		Sociology	Professor	01	--	01	01	--		
			Asso. Prof.	03	02	--	02	01		
			Asstt.Prof.	03	02	01	03	--		
		Psychology	Professor	01	01	--	01	--		
			Asso. Prof.	01	01	--	01	--		
			Asstt.Prof.	03	02	01	03	--		
		History	Professor	01	--	--	--	01		
			Asso. Prof.	01	01	--	01	--		
			Asstt.Prof.	02	02	--	02	--		
		Political Science	Professor	01	--	--	--	01		
			Asso. Prof.	01	01	--	01	--		
			Asstt.Prof.	03	02	01	03	--		
		Gujarati	Professor	01	01	--	01	--		
			Asso. Prof.	01	01	--	01	--		
			Asstt.Prof.	05	02	01	03	02		
		English	Professor	01	--	--	--	01		
			Asso. Prof.	03	02	--	02	01		
			Asstt.Prof.	03	03	--	03	--		
		Hindi	Professor	02	01	--	01	01		
			Asso. Prof.	03	02	--	02	01		
			Asstt.Prof.	05	04	--	04	01		
		Drama Performing Arts	Instructor	01	01	--	01	--		
		Sanskrit	Professor	01	01	--	01	--		
			Asso. Prof.	01	01	--	01	--		
			Asstt.Prof.	02	01	--	01	01		
		M.Lib. Science	Asso. Prof.	02	--	01	01	01		
			Asstt.Prof.	01	01	--	01	--		
		Business Studies	08	Business Studies	Professor	02	--	--	--	02
					Asso. Prof.	04	02	--	02	02

Faculty	Strength	Department	Post Name	San. Post.	Post Filled			Post Vacant	
			Asstt.Prof.	07	05	01	06	01	
Education	20	Education	Professor	01	01	--	01	--	
			Asso. Prof.	03	01	01	02	01	
			Asstt.Prof.	03	03	--	03	--	
		B.Ed. College	Principal	01	01	--	01	--	
			Asstt.Prof.	18	05	08	13	05	
Home Science	05	Home Science	Professor	01	--	01	01	--	
			Asso. Prof.	01	01	--	01	--	
			Asstt.Prof.	04	--	03	03	01	
Management	07	M.B.A.	Professor	03	01	--	01	02	
			Asso. Prof.	04	02	--	02	02	
			Asstt.Prof.	05	03	01	04	01	
Science	74	Physics	Professor	05	02	--	02	03	
			Asso. Prof.	07	06	01	07	--	
			Asstt.Prof.	04	04	--	04	--	
		U.S.I.C.	Professor	01	--	--	--	01	
		Computer Sci. (PGDCA/MCA)	Professor	01	--	--	--	01	
			Asso. Prof.	03	01	--	01	02	
			Asstt.Prof.	05	03	02	05	--	
		Chemistry	Professor	05	--	01	01	04	
			Asso. Prof.	11	06	--	06	05	
			Asstt.Prof.	14	07	01	08	06	
		Materials Science	Professor	01	01	--	01	--	
			Asso. Prof.	01	--	01	01	--	
			Asstt.Prof.	02	01	01	02	--	
		Bio-Sciences	Professor	03	02	--	02	01	
			Asso. Prof.	08	04	01	05	03	
			Asstt.Prof.	09	06	02	08	01	
		Mathematics	Professor	01	01	--	01	--	
			Asso. Prof.	04	02	01	03	01	
			Asstt.Prof.	08	05	01	06	02	
		Statistics	Professor	01	--	--	--	01	
			Asso. Prof.	03	02	01	03	--	
			Asstt.Prof.	03	02	--	02	01	
		Electronics	Professor	01	--	--	--	01	
			Asso. Prof.	02	01	01	02	--	
Asstt.Prof.	04		03	01	04	--			
Total				---	230	123	38	161	69

State of origin of academic staff in 2010-11

State	No. of Teacher	Percentage
UP & Uttarakhand	05	3.11
Delhi	01	0.62
West Bengal, Orissa & Assam	02	1.24
Kerala, Karnataka & Tamil Nadu	06	3.73
Madhya Pradesh	01	0.62
Maharashtra & Gujarat	134	83.23
Andhra Pradesh	10	6.21
Haryana	01	0.62
Rajasthan	01	0.62
Total	161	100

Strength of non-teaching staff in the university in 2010-11

Type of Staff	No.
Group A	19
Group B	08
Group C	196
Group D	108
Total	331

Number of SC/ST teaching and Non-Teaching Staff in 2010-11

Category	SC	ST	Total
Teaching	15	05	20
Non-Teaching	38	06	44
Total	53	11	64

Academic/Technical/Administrative Faculty/Staff Information

No	Department	Academic		Technical		Administrative	
		M	F	M	F	M	F
1	Physics & Instrumentation Workshop	12	01	10	---	07	---
2	U.S.I.C	---	---	08	---	---	---
3	U.S.I.C Level II to Level III	---	---	02	01	02	---
4	Post B.Sc Diploma course in Computer Science & Application	01	01	---	---	---	---
5	University Computer Centre	---	---	08	02	03	---
6	Master of Computer Application Course	03	01	---	---	01	---
7	Chemistry	13	02	07	---	09	---
8	Materials Science	02	02	01	01	07	---
9	Bio-Science	12	03	08	01	08	---
10	Mathematics	08	02	---	---	---	---
11	Statistics	04	01	---	---	02	---
12	Home-Science	01	04	---	---	---	01
13	Electronics	04	02	03	---	01	---
14	Economics	04	02	---	---	---	---
15	Business Studies	07	01	---	---	---	---
16	M.B.A	06	01	---	---	06	01
17	Sociology	04	02	---	---	---	---
18	Psychology	04	01	---	---	---	---
19	History	02	---	---	---	---	---
20	Political Science	03	01	---	---	---	---

21	Gujarati	04	01	---	---	---	---
22	English	05	---	---	---	---	---
23	Hindi	07	---	01	---	03	---
24	Drama Performing Arts	01	---	---	---	---	---
25	Sanskrit	03	---	---	---	---	---
26	Education	05	01	---	---	---	---
27	Master in Library & Information Science	01	01	---	---	---	01
28	Administrative Unit Humanities & Social Sciences	---	---	---	---	13	---
29	M.B.Patel College of Education	06	08	---	01	08	01
30	VIII Five Year Plan Posts History	01	---	---	---	---	---
31	University General Administrative Office	---	---	---	---	107	07
32	Estate Section	---	---	08	---	09	---
33	Physical Education & Recreation	---	---	02	---	03	---
34	Examination Reforms Unit U.G.C	---	---	---	---	01	---
35	Special Cell for SC/ST	---	---	01	---	01	01
36	Museum & Archaeology	---	---	02	01	02	---
37	University Health Centre	---	---	02	01	01	---
38	Men's Hostel No 1. to 3.	---	---	---	---	07	---
39	Women's Hostel	---	---	---	---	---	04
40	Bhaikaka Library Students Home	---	---	06	03	14	03
41	University Press	---	---	15	01	---	01
Total		123	38	84	12	215	20

Summary

Details	Male	Female	Total
Academic	123	38	161
Technical	84	12	96
Administrative	215	20	235
Grand Total	422	70	492

2.5 NEW APPOINTMENTS MADE IN 2010-2011

Name of the Departments	New Appointments made
Library Information Science	One Project Fellow appointed under UGC-MRP – 'Rural Information Center for Anand District'
Physics	UGC Meritorious Fellowship (RFSMS)

2.6 TEACHING-LEARNING AVENUES

Besides formal lectures and experiments in the laboratories, teachers use an array of other methods of teaching-learning such as lecture-cum-workshop, guest lectures by experts, projects, case studies, and summer training, supported by computer and Internet facilities, and special efforts made to prepare the learners to take NET-JRF, participate in research seminars in the Department concerned. The following are the details:

(1) SEMINARS/GUEST LECTURES/CONFERENCES

There is a provision for obligatory Students Seminars in each subject in Basic Sciences in each semester. Thus in every semester, every student has to present one seminar in each paper. Besides these there are weekly departmental researches seminars conducted during the year in the Departments like Department of Mathematics, Department of Physics, Some laboratories in the Department of Bio-Sciences which are accessible to Ph D, M Phil, M Sc students. The research conferences and other guest lectures organized during the year.

(2) PROJECTS AND SUMMER TRAININGS

- (a) There is provision for mandatory research projects in the last semester in the Departments of Bio-Sciences, Home Science, Statistics, and Master in Quality and Productivity and in Computer Science. In the Department of Business Management, students have to prepare a term paper.
- (b) There is a provision for optional research projects in Department of Physics and Department of Mathematics.
- (c) In the Department of Social Work there is a provision for mandatory field trip.

(3) LIST OF M.SC PROJECTS FROM THE DEPARTMENTS

DEPARTMENT OF ELECTRONICS

I-Semester (Individual)	
1	Frequency measurement on multi meter
2	Mains wiring fault detector
3	IR remote control switch
4	Digital Code Lock
5	Office called bell
6	Heart beat monitor
7	Automatic control for outdoor lights
8	Square & triangular wave generator
9	Automatic room power controller
10	Touch operated digital volume controller
11	Versatile power supply
12	Touch operated volume control
13	Hand washing system
14	Flash type ADC
15	Adjustable power supply
16	Electronic harmonium
17	Auto torch light with melody
18	Tele visage
19	Digital stopwatch
20	Intelligent switch
21	Ultrasonic switch

22	High order band stop filter
23	Infrared switch
24	Dual Power Supply
25	Automatic street light controller
26	Remote control for home appliance
27	Power Supply (Fixed Voltage)
II-Semester (Group Projects)	
1	PC Temperature sensing & Controlling unit
2	PC based Power Control Unit
3	LCD interfacing using parallel port (using C Language)
4	Stepper Motor Controller using C Programming (Mouse Interface)
5	Interfacing 0800 ADC on parallel Port
6	16x2 LCD Interfacing using IBM-PC parallel port C
7	Multiple Seven Segment Display using C language
8	Traffic Light Circuit, controlling via PC parallel port & C language
III-Semester (Group Projects)	
1	Fabrication & Characterization of Thin Film Capacitance by sputtering technique
2	Structural study and measurement of optical band gap of Semiconductor Thin film
IV-Semester (Group Projects)	
1	PLC based Bottle Feeling Plant
2	PLC based Paper Winding Machine control
3	PC based Humidity/Temperature Control System
4	Temperature control system using Microcontroller
5	Humidity/Temperature Control for Green house effect using Microcontroller
6	Computer Network using wireless Technology

DEPARTMENT OF PHYSICS

Titel of Project	Project Guide
1. Intergral transform & their application. 2. study of lattice Dynamics 3. Reviews of various Diffraction techniques	Prof. A. R. Jani
Energy science & Technology	Prof. K. N. Joshipura
1.Stirling Engine 2.Infrared controlled inviting circuit using IC -555	Prof. P. K. Garg
1.The early Universe 2.Tempersture dependence of barrier height	Prof. A. T. Oza
1.Interplanetary magnetic field 2.the biological activity of sulfadiazine sodium salt & its metal complexes 3.water flow meter	Prof. U. H. Patel
Measurement of laser beam parameter	Prof. P. C. Vinodkumar
Construction of wave guide & its Characterization	Prof. V. M. Pathak
Crystal Growth By Gel method	Dr. M. P. Deshpande
1.numerical solution of Schrodinger equation 2.Simulation 3.Applying the varioussnal method to the ground state & 1 st excited state of the particle in a box	Dr. B. Y. Thakore
Preparation and Characterization compound semiconductor thin films	Dr. K. D. Patel
1.Dielectric & related properties of lead dopped GeSe 2.growth & Optical properties of GeSe Crystal 3.Growth & thermoelectric power measurement of dopped Pb by GeSe crystal	Dr. G. K. Solanki

Crystal Growth by Gel method	Dr. S. H. Chaki
1.X-ray pulsars	Dr. N. K. Bhatt
2.Effect of Temperature on dielectric material and capacitor	

DEPARTMENT OF STATISTICS

M.SC. SEM IV PROJECT REPORT YEAR - 10-11			
No.	Student Name	Internal Guides	Title of the Project
1	Sandip A. Jadhav, Tirthank R Vyas, Manishaba D Rathod, Dixitaben A Patil, Satyajit Shivaji Yada	Ashok Shanubhogue	Exploratory analysis of a Medical Research Data
2	Dattatraya Mohan Hulwan Rajendra Ganpatrao Desai Subhmoy Bhattacharjee Satyajit Shivaji Yadav	D.P.Raykundaliya	A brief survey on Statistical Models with respect to Measurement level

MQPM SEM IV. PROJECT REPORT YEAR - 10-11			
No.	Student Name	Internal Guides	Title of the Project
1	Arpita Dave	Prof.Ashok Shanubhogue D.P.Raykundaliya, H. Bagga	ISO 9001:2008 Quality Management System Implementation
2	Avinash Salvi	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation & Auditing
3	Bela Shah	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation
4	Bhumika Patel	Prof.Ashok Shanubhogue D.P.RAYKUNDALIYA, H. Bagga	ISO 9001:2008 Quality Management System Implementation & Auditing
5	Dilip Vaghela	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation & Auditing
6	Dipika Patel	Prof.Ashok Shanubhogue,D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation
7	Jigesh Parekh	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation
8	Kalpesh Soni	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation
9	Kamlesh Prajapati	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation
10	Maulik Prajapati	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System
11	Mital Vaghela	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation & Auditing
12	Mukul Patel	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation

13	Nimisha Patel	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation & Auditing
14	Prakash Bajariya	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation
15	Shreyash Prajapati	Prof.Ashok Shanubhogue, D.P.Raykundaliya, H. Bagga	ISO 9001:2008 Quality Management System Implementation
16	Tushar Patel	Prof.Ashok Shanubhogue, D.P.Raykundaliya	ISO 9001:2008 Quality Management System Implementation
17	Alpa Dangrosiya	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Lean Six Sigma Project Reprort on Cycle Time Reduction
18	Ankit Parmar	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Reduce Production Lead Time of Ashok Layland
19	Bhavin Vyas	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Six Sigma Project Report on Problem of More Unbalance
20	Gauri Thakar	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Inventory Cost Reduction
21	Girish Vekariya	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Reducing Excess Copper Scrap From Extrusion Machine
22	Jignesh Bhoi	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Damage Reduction for 4 Lt. Tin
23	Keyur Shah	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Six Sigma Reduce Customer Complaints By Reducing The Defect
24	Khyati Mehta	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Rework Reduction of Butter Through Six Sigma Methodology
25	Kirtesh Dhobi	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Lean Six Sigma Cycle Time Reduction
26	Minoti Mahant	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Six Sigma Project Report on Filamentation
27	Nirali Gudka	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Six Sigma Project Report on Abdondment Call
28	Pooja Joshi	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Six Sigma Project Report on Average Handling Time
29	Rima Chauhan	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Reduce The Cycle Time of 20ltr. MS Drum
30	Satish Bambharoliya	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Cycle Time Reduction in Paper Covering Process

31	Shahid Pathan	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Six Sigma Reduced The Blow Hole Problem
32	Sharad Pillai	Prof.Ashok Shanubhogue, D.P.Raykundaliya	To Reduce Validation Time in Reports Production
33	Shradhdha Pachani	Prof.Ashok Shanubhogue, D.P.Raykundaliya	Rework Reduction of Butter Through Six Sigma Methodology
34	Bhavin Parmar	Prof.Ashok Shanubhogue, Prabha Jadav	Customers Satisfaction on the Jewelry Consumer's Perception
35	Krishanalal Tholiya	Prof.Ashok Shanubhogue, Prabha Jadav	Market Research Report on "AIR" at Dexter Consultancy Limited
36	Mohammad Akil. Shaikh	Prof.Ashok Shanubhogue, Ankit Sinojiya	Fast Food Consumption amongst youth
37	Tushar Prajapati	Prof.Ashok Shanubhogue, D.P.Raykundaliya, Ankit Sinojiya	Factors That Motivates A Customer To Purchase A Mobile Phone
38	Vishal Desai	Prof.Ashok Shanubhogue, Ankit Sinojiya	Mobile Number Portability (MNP) A Boon or Curse for The Service Provider?
39	Zankhana Shah	Prof.Ashok Shanubhogue,H. Bagga,Prabha Jadav	To Analyze the Product Awareness & Market Potential for Arvind Ready to Stitch Denim Fabric in Indian Market

DEPARTMENT OF HOME SCIENCE

No	Student Name	Guide Name	Title
1	Patel Nima	Dr Reema Subhash	Wine production using yeast cell immobilized on guava pieces & Comparison with free cells.
2	Patel Jalpa	Dr Reema Subhash	Optimization of enzyme concentration (S) for Higher yield clarity of Carrot Juice, Banana Pulp & their mixture.
3	Patel arpita	Dr Reema Subhash	Assessment of wine production using Immobilized yeast cells on Apple Pices & Comparison with free cells.
4	Bhatt Druti	Dr Reema Subhash	Biochemical & Molecular Methods for Isolation & identification of Escherichia coli from A milk based product Rabri
5	Bhatt Priyanka	Dr Reema Subhash	Fermentation & Evaluation of experimental bread Incorporating Lactobacillus casie Immobilized on Apple pieces.
6	Dave Vrunda	Dr Reema Subhash	Hypolipidemic effect of supplemented OAT –bran IDADA for 4 weeks on the serum lipid profile of hypercholesterolemic subjects aged between 45 to 75 years
7	Parul Vaghela.	Dr Reema Subhash	Effect of supplementation of mixed Juice consisting of beet root carrot & mint leaves fed along with dried dates on the Iron status of young college going girls.
8	Bhatt Madhavi R	Dr Reema Subhash	Effect of feeding bottle gourd [Legendaries cineraria] Juice on body weigh reduction & Plasma lipid profile of

			younger [20 -30 year] & older [31 -60 year] obese adult female subjects .
9	Sukanaya Nayak.	Dr Reema Subhash	Quality evaluation of fruit Juices from different sources[pure, fruit, Juice branded Juice, Locally sold & reconstituted squashes].
10	Patel Himali	Dr Reema Subhash	Hepatoprotective effect of hibiscus & Rosmarinic on ccl4, induced hepatotoxicity in adult Rate.
11	Satwani Rashmi L	Dr Reema Subhash	Effect of feeding experimental mukhwas in copporating lemon peel powder on the anthropometric & plasma lipid profile of adult female subjects
12	Thakkar Hina	Dr Reema Subhash	A Research study on views on literacy on child bearing age gap between pregnancies & pregnancy complication .
13	Patel Shreya	Dr V H Patel	Carotenoids o & Tocotrienol content & Antioxidant potential of Annatto Seed.
14	Patel Dipa	Dr V H Patel	Preparation of kidney beans & Peas tempeh & Evaluate for their nutraceutical property.
15	Shastri Sneha.	Dr V H Patel	Total antioxidant capacity of different brands of chyawanprash.
16	Shah Chaitali	Dr V H Patel	Hypoglycaemic & Antioxidant capacity of Alma meal Alone & in Combination with Psyllium Husk.
17	Patel Ayushi	Dr V H Patel	Hypoglycaemic & Hypolipidemic effect of Indian gooseberry meal in experimentally induced Diabetes in albino Rate.
18	Patel Krishna	Dr V H Patel	Antioxidant effect of Indian gooseberry meal in experimental induced diabetes in Albino Rate.
19	Desai Krutika	Dr V H Patel	IN VITRO & VITRO Antioxidant potential of hibiscus sabariffa & Rosmarinic officinal is
20	Singh Maduri	Dr V H Patel	Total antioxidant capacity of breast milk
21	Thakker Mansi P	Dr Jish Elias.	Rapid detection of food borne pathogens by molecular Techniques.
22	Pandya Neha	Dr Jish Elias.	Evaluation of the probiotic potential of lactic Acid bacterial Isolation from faeces of breast fed infants.
23	Patel Kushboo	Dr Jish Elias.	Isolation of amylase producing microorganism & enhancing their property By UV Irradiation
24	Shah Vacha	Mrs Neeta Dave	Physiochemical characteristics of an Antioxidant rich Juice & its effect ion the serum Antioxidant status & Lipid profile of young females.
25	Patel Dhara	Mrs Neeta Dave	A study on plasma Antioxidant status & lipid profile among smokers & non smokers.
26	Majithiya parul B	Mrs Neeta Dave	A comparative study on the antioxidant properties & anti-amylase activity of citrus media, citrus aurantifolia ,citrus,Lamon [Yellow & green]
27	Panchal Priyal N	Mrs Neeta Dave	Effect of feeding flaxseed & Amaranth seed powder incorporated Laddu on total antioxidant capacity & Haematological status of young females [20-25 years].
28	Dave Dhvani	Mrs Neeta Dave	Effect of supplementation of processed yellow & black soybean on the antioxidant status & lipid profile of adult females.
29	Patel Nitya	Mrs Neeta Dave	Preparation & quality evaluation of fruit yoghurt from different milk .
30	Radairya Seema	Ms Sanadhya Patel	Social network & Social development of 6 to 12 years old boys[middle socio economic status]
31	Parmar Vidhi R	Ms Sanadhya Patel	A social network & social development of 6 to 12 years old girl children.

32	Patel Niketa R	Ms Sanadhya Patel	A study on parent's expectation from special needs children.
33	Patel Diksha	Ms Sanadhya Patel	To study of conflicts between adolescent & their parents
34	Paschal gohel Komal	Ms Sanadhya Patel	A study on problem faced by marries working women
35	Vasava Hetal	Ms Sanadhya Patel	Comparative study between adolescent boys & girls on their opinion & attitudes towards mate selection in Surat.
36	Patel Nikita M	Ms Sanadhya Patel	Listening to children's voices : Perception of 6-8 years old about education & play.
37	Parekh Dipika A	Ms Sanadhya Patel	A study on Adjustment in early year of marriage.
38	Patel Khyati N	LR Yagnik	A study of adjustment& self concept among working & non working women
39	Modi Nidhi H	Dr Nidhi Gupta	Consumers satisfaction level related to the after sale services offered by leading sale services offered by leading brands of two wheeler
40	Patel Avani V	Dr Manjari Acharya	Ergonomic assessment of the activities carried out by the workers in freshen shop in Anand district
41	Patel Mansi K	Dr Manjari Acharya	A study of purchasing practices with regards to selected house hold items among the respondents of selected professions
42	Kachhiya Nimsha M	Dr Manjari Acharya	A study of physiological load & psychological perception of work among selected food unit workers
43	Patel Kinnari N	Dr Manjari Acharya	A comparative study of knowledge possessed & problems faced in learning interior design course by Home Science students.
44	Prajapati Nital A	Dr Manjari Acharya	An Ergonomic assessment of selected activities carried out in bakery & sweets shop
45	Lad Minal K	Dr Manjari Acharya	A study of selected aspects of the hostel satisfaction among girl students residing in private hostel of v v V.Nagar
46	Shah Heta	Dr Reka Patel	A comparative study of the performance evaluation of various materials as the absorber plate of solar cooker
47	Nidhi Thakkar K	Dr Namrita Kola	A study on the floor art of maharashtra [Rangoli] & its depiction on the accessories & Sovinenirs .
48	Vaghela Avani.	Dr Namrita Kola	A study of parsi gara embroidery & its modification application on some articles to increase Awerness of this embroidery.
49	Ranva Shital	Dr Namrita Kola	A study on documentation of Traditional costume of mer & Ahir communities of saurashtra [Gujarat].
50	Darji Nilam	Mr. Yogesh Vadwal	Application of Natural dyes for batik & Vegetable Printing on Khadi.
51	Vohra Sharmina .	Dr Namrita Kola	To study different embellishment on jute viscose fabric for house hold textiles .
52	Sneha Sakhiya K	Dr Namrita Kola	A study on designing sarees using Georgette &brasso with crocheting.
53	Zalavadiya Kinjal	Dr Namrita Kola	Erimentel study of appliqué work & its application on khitted T shirt for college going girls.
54	Patel Kinjal.	Mr. Yogesh Vadwal	An experiment study on dyeing premordanted cotton ,silk Nylon fabrics with annatto seeds [bixa orellana] & juice from stem of banana plant [musa paradisaca].
55	Vadher Mona	Mr. Yogesh Vadwal	A study of manadifera indica [mango] & manilkara Zapota [Sapota] as natural dyes on cotton silk & Nylon fabrics .

(4) COMPUTER TRAINING / INTERNET CONNECTIVITY

The University Computer Centre, which handles all the Internet connections in the University, provides training to students in the use of the Internet as a knowledge resource. It does this through an optional paper or as a part of the curriculum it has on offer. All the University Departments have Internet connectivity, which is how it could be made easily accessible to the MPhil and PhD students in the Department concerned. The University Library provides access to online journals through INFLIBNET.

(5) SPECIAL EFFORTS FOR NET-JRF / GATE

Special efforts are being made in several University Departments for training meritorious students and those from SC, ST, and Minority categories for Competitive Exams at the national level like NET-JRF/GATE. One day workshops for training for NET-JRF/GATE were organized in every science department as well as the Department of Business Studies. Also a week long workshop was organized by the department of Mathematics for the students in Gujarat State.

(6) DEPARTMENTAL LIBRARIES

The University has promoted the concept of Departmental Libraries and offers full support in the establishment and enrichment of these in each of the Postgraduate Departments, the details of which have been made available elsewhere in this Report. The Departmental library supplements the Bhaikaka Library, which is the Central University Library. The Department of Mathematics has the western region library supported by the Department of Atomic Energy, Government of India.

(7) ACADEMIC TOURS ORGANIZED IN 2010-2011

No	Department	Place of Visit	Purpose
1	Library and Information Science	Ahmedabad	To visit various Libraries for observational study
2	Business Studies	GIDC- Vithal Ugyognagar	Industrial Visit of Marketing Group Students (Sem-I), Tripcon Engineering and Western Engineering
3	History	Visit to historical sites of Gujarat.	Educational Tour for the students of the Department

2.6 EVALUATION

The Examination Section, in consultation with the University Departments, draws up an annual plan for holding semester/annual examinations at the beginning of any academic year, and follows this plan meticulously. The results are announced well in time before the commencement of the next academic year.

Each of the Papers has a total weighting of 100 marks with 70% set aside for University through final qualifying examinations and 30% for continuous internal assessment consisting of tests, seminars and quizzes. Thus, the examinations in the University comprise of two components: external and internal evaluation. With the introduction of CBCS the University also revised the question paper style. This now comprises of an objective component and a well-balance unitwise questions to facilitate the students prepping for examination a question bank for each paper is prepared and circulated among the students. The questions set usually require a reasonable amount of knowledge and skills pertaining to a course in a given unit from a student. We have a transparent system of allowing the students to see their marked scripts after every internal test and the examiner concerned takes time to discuss with

his/her students the nitty-gritty of evaluation. The provision of blind assessment (the scripts are flapped!), and blind reassessment by teachers outside the University for students on the PG courses, and the teachers of the Postgraduate Department concerned in the University for the undergraduate examinations. What is more, there is moderation of assessment at undergraduate level examinations.

(1) Information about examinations held under Yearly, Semester and CBCS system.

No.	Faculty	Yearly System	Semester System	CBCS System
1.	Arts	---	B.A., B.S.W., B. Lib. Science M.S.W., M.A., M.Phil	B.A., B.S.W., B. Lib. Science M.S.W., M.A., M.Phil
2.	Science	---	B.Sc., B.C.A., M.Sc., M.Sc. Integrated Biotechnology Course	All P. G. Diploma, B.Sc., B.C.A., M.Sc., M.Sc. Integrated Biotechnology Course
3.	Business studies	---	B.Com, M.Com, B.Com. (Hons)	B.Com., M. Com., B. Com. (Hons)
4.	Law	Diploma in Law	LL.B., LL.B. (Special) L.L.M.	LL.B., LL.B. (Special) L.L.M.
5.	Home Science	---	B.Sc. (Home Science) M.Sc. (Home Science)	B.Sc. (Home Science) M.Sc. (Home Science)
6.	Education	---	B. Ed., B. Ed. (English Medium) & M.Ed.	B. Ed., B. Ed. (English Medium) & M.Ed.
7.	Medicine	M.B.B.S., M.D., M.S.	---	---
8.	Homoeopathy	B. H. M. S. M. D.	---	---
9.	Pharmaceutical Science	---	B. Pharm., M. Pharm.	B. Pharm., M. Pharm.
10.	Business Management	---	B. B.A., B.B.A. (Hons) IT, B.B.A. (Honors) HM & ITM B.B.A. (ISM), B.B.A. (F T), B.B.A.(TTM/HM) MBA & E-Business	B. B.A., B.B.A. (Hons) IT, B.B.A. (Honors) HM & ITM B.B.A. (ISM), B.B.A. (F T), B.B.A.(TTM/HM) MBA & E-Business
11.	Engineering & Technology	---	B. E. & M. E.	---

(2) Number of degree examination students registered, appeared, and passed out in 2010-11

No.	Name of Exam	Reg.	App.	Passed	F.D.	First	Second	Pass
1	BA	2115	2087	1898	194	555	811	338
2	T. Y. B.A. (External)	151	134	104	--	--	33	71
3	MA	1269	1269	1188	17	218	866	87
4	B.lib & Inf. Science	57	56	51	--	--	--	51
5	M.Lib & Inf. Science	42	40	29	01	08	20	--
6	BSW	176	176	175	27	109	39	--
7	MSW	324	322	320	49	227	43	01
8	B. Music & Dance	16	15	13	07	05	01	--
9	B. Interior Design	34	34	34	--	--	--	34
10	Master of Interior Design	--	--	--	--	--	--	--
11	B.SC.	2170	2154	1780	202	525	809	240
12	B.C.A.	945	942	831	69	178	377	207
13	M.C.A.	209	208	199	31	93	59	16
14	M.Sc. (Final)	--	--	--	--	--	--	--
15	M.Sc. Physics	47	47	45	01	16	20	08

16	M.Sc. Chemistry	207	207	182	09	83	90	--
17	M.Sc. Pharmaceutical Chemistry	64	64	64	09	40	15	--
18	M.Sc. Mathematics	82	81	77	16	26	28	07
19	M.Sc. Statistics	18	18	18	01	03	11	03
20	M.Sc. Electronics	32	32	32	02	24	06	--
21	M.Sc. Instrumentation	--	--	--	--	--	--	--
22	M.Sc. Bio-Technology	245	244	241	02	103	134	02
23	M.Sc. Botany	11	11	11	--	06	05	--
24	M.Sc. Microbiology	226	223	217	--	43	164	10
25	M.Sc. Zoology	12	12	12	02	03	07	--
26	M.Sc. Bio-Chemistry	52	52	52	--	20	32	--
27	M.Sc. Environmental Science	44	44	44	10	28	05	01
28	M.Sc. Information Science	34	34	34	15	17	02	--
29	M.Sc. Integrated Biotechnology	124	124	124	--	--	--	124
30	M.Sc. Industrial Bio-Technology	05	05	05	--	04	01	--
31	M.Sc. Materials Science	13	12	12	02	06	03	01
32	M.Sc. Nano Science	06	06	06	--	03	02	--
33	M.Sc. Bioinformatics	29	29	29	06	08	13	02
34	M. Sc. Plastics Technology	04	04	04	04	--	--	--
35	M.Sc. Paints & Warnishing	12	12	12	03	07	02	--
36	M.Sc. Industrial Chemistry	45	45	45	13	27	05	--
37	M.Q.P.M.	40	40	40	06	24	10	--
38	B.Com.	1422	1405	1178	36	180	579	383
39	B.Com. (Honours)	45	45	45	13	19	12	01
40	M.Com.	339	337	329	16	126	158	29
41	B.B.A.	1277	1272	1037	57	341	578	61
42	M.B.A.	--	--	--	--	--	--	--
43	Master of E-Business	120	120	114	--	--	--	114
44	B.Ed.	1074	1072	1071	--	--	--	171
45	B.Ed. (English)	95	94	94	--	--	--	94
46	B.Ed. (Advenced)	89	89	89	--	--	--	89
47	M.Ed.	104	104	103	--	--	--	103
48	B.P.ED.	51	50	49	--	--	--	49
49	LL.B. (General)	188	184	142	--	--	123	19
50	LL.B. (Special)	155	146	108	--	01	95	12
51	LL.M. (Part-II)	117	104	33	--	--	17	16
52	B.Sc. (Home Science)	155	154	144	15	47	75	07
53	M.Sc. (Home Science)	84	84	70	01	23	40	06
54	B.Physiotherapy	08	08	07	--	02	--	05
55	M.Physiotherapy	08	08	07	--	02	--	05
56	M.B.B.S.	108	108	99	--	--	--	99
57	M.D.	23	23	23	--	--	--	--
58	M.S.	02	02	02	--	--	--	02
59	M.SC. (Medical Anatomy)	--	--	--	--	--	--	--
60	B.H.M.S.	222	222	97	--	11	86	--
61	M.D. Homoeopathy							
62	B.Pharm	289	288	282	52	166	36	28
63	B. Architecture	44	44	28	--	--	--	28
64	M.Tech.	--	--	--	--	--	--	--
65	M.Urban Planning	09	09	09	02	06	01	--
66	M.A. (Final) External	983	901	383	--	01	74	308

67	M.SC.(Mlt) (Part-II)	78	75	69	05	43	21	--
68	M.Com (External)	314	287	199	--	09	88	102
69	MHRM	131	131	130	49	74	07	--
70	M.P.A. - (IV)	24	24	22	02	10	09	01

(3) Number of Diploma examinations students registered, appeared, and passed out in 2010-2011

No.	Name of Exam	Reg.	App.	Passed	F.D.	First	Second	Pass
1.	P.G.Dip. in Media studies	--	--	--	--	--	--	--
2.	P.G.Dip. in Rural Social Work	--	--	--	--	--	--	--
3.	P.G.Dip. in Disaster Management	--	--	--	--	--	--	--
4.	P.G.Dip. in Functional Hindi	--	--	--	--	--	--	--
5.	Diploma in Music & Dance	41	38	37	31	04	02	--
6.	Diploma in Drama & Dramatics	01	01	01	--	01	--	--
7.	P.G. Dip. in Computer Science Application (PGDCA)	72	71	60	10	16	22	12
8.	Post B.Sc. Dip. in Instrumentation	04	04	03	--	03	--	--
9.	Post B.Sc. Dip. in Analytical Chemistry	--	--	--	--	--	--	--
10.	P. G. Dip. in Polymer Science	--	--	--	--	--	--	--
11.	P. G. Dip. in Business Administration	31	31	30	01	11	15	03
12.	P. G. Dip. in Marketing Management	11	11	11	--	01	06	04
13.	P. G. Dip. in Human Resource Development.	82	78	77	02	23	46	06
14.	P. G. Dip. in Business Management.	52	52	50	01	21	23	05
15.	Dip in Guidance & Counselling	--	--	--	--	--	--	--
16.	Dip. in Labour Laws & Practice (DLP)	110	107	95	--	--	95	--
17.	Dip. in Taxation Laws & Practice (DTP)	68	66	61	--	13	48	--
18.	Dip. in Pharmacy	--	--	--	--	--	--	--
19.	Dip. in General Nursing	14	12	12	--	01	07	42
20.	Dip. in Medical Laboratory Technology (DMLT)	37	35	30	02	14	12	02
21.	DMRD (Radio -diagnosis)	--	--	--	--	--	--	--
22.	DA (Anesthesia)	06	06	06	--	--	--	06
23.	DLO (ENT)	01	01	01	--	--	--	01
24.	DCH (Paediatrics)	--	--	--	--	--	--	--
25.	Dip. in Orthopadics	--	--	--	--	--	--	--
26.	DGO (obst. & Gynaecology)	02	02	02	--	--	--	02
27.	Certificate Course SPSS	--	--	--	--	--	--	--
28.	D.C.P (Pathology)	--	--	--	--	--	--	--
29.	M.D.(Microbiology)	--	--	--	--	--	--	--
30	P. G. Dip. logistics & Retail	26	25	19	--	--	--	19

	Mgt.							
31	Dip. Fashion Design	12	12	12	--	10	02	--

(4) Gold Medals awarded in 2010-2011

No.	Faculty	Gold Medal
1	B.A.	03
2	M.A.	14
3	B.Lib.	01
4	B. Interior Design	01
5	M.S.W.	01
6	M.Phil (History)	01
7	B.Sc.	16
8	M.Sc.	24
9	B.C.A.	01
10	M.C.A.	04
11	B.E.	16
12	B. Architecture	02
13	M.E.	05
14	M.Tech.	00
15	Master Of Valuation	01
16	Master Of Industrial Hygiene & Safety	01
17	B.Com	03
18	M.Com	02
19	B.B.A	01
20	M.B.A.	02
21	Master Of E-Business	01
22	L.L.B. (General)	01
23	L.L.B. (Special)	01
24	L.L.M.	00
25	B.Sc. (Home Science)	05
26	M.Sc. (Home Science)	01
27	B.Pharm	01
28	M.Pharm	00
29	B.Ed.	02
30	B.Ed. (Advanced)	01
31	B.Ed. (English)	02
32	B.P.Ed	01
33	M.Ed.	02
34	M.Ed. (English)	01
35	M.B.B.S.	10
36	M.S. (General Surgery)	01
37	M.Lib	01
Total		130

(5) List of gold medallist for the year 2010-2011

No	Name of the Exam	Name of the Gold Medal	Name and Address of the Students Awarded the Medal
1.	B.A.	Dr. Omanand R. Saraswat Gold Plated Medal (Hindi)	Narendrakumar Ramubhai Palas
2.	B. Interior Design	Parisar Trust Interior Design Gold Medal	Gopal Jagatbhai Patel
3.	M.A.	Satyabala Vimochanrav Desai Gujarati Gold Medal, (Gujarati)	Nitinkumar Gordhanbhai Rathod

4.	M.A.	Dr. (Mrs.) Cashmera P. Bhaya Gold Medal, (Sociology)	Ankitaben Bhupendrabhai Patel
5.	M.A.	Shri M.G. Merchant, Smt. Neelam Merchant & Dr. Amrapali Merchant Gold Medal (Sociology)	Ankitaben Bhupendrabhai Patel
6.	M.A. (E.L.T)	Charutar Vidya Mandal's H M Patel Gold Medal, (ELT)	Zarana Dilipkumar Maheshwary
7.	M.S.W.	Shri R.O.Shah State Bank of India Employees Union Ahmedabad Circle Gold Medal	Nehal Dineshgiri Goswami
8.	B.Sc.	Dr. Kanubhai Chunibhai Desai Gold Medal (Chemistry)	Nikita Ghanshyambhai Soni
9.	B.Sc.	Dr. D.A.Raval Gold Medal (Ind. Chemistry)	Bhupesh Popatlal Panchal
10.	B.Sc.	Charutar Vidya Mandal Gold Medal Instrumentation	Balvendrasingh Karansingh Chauhan
11.	B.Sc.	Charutar Vidya Mandal Gold Medal (Bio-Technology)	Richa Bharatbhai Patel
12.	B.Sc.	Charutar Vidya Mandal Gold Medal, (Environmental Science)	Kinjisha Dipakbhai Patel
13.	B.Sc.	Charutar Vidya Mandal GOLD Medal (Information Science)	Rishitadas Rabindra Nath
14.	B. Sc.	Dr. B. R. Patel Gold MEDAL (Genetics)	Yashvi Bhadresh Shah
15.	B. Sc.	Dr. B. R. Patel Gold Medal (Bio-Informatics)	Hemal Vinodkumar Nirmal
16.	B. Sc.	Dr. H. K. Patel Charutar Vidya Mandal Gold Medal, (Physics)	Tejaskumar Manubhai Darji
17.	M.Sc.	Purushottam L. Patel of (Sojitra) Gold Medal (Mathematics)	Jaykumar Dineshchandra Bhatt
18.	M.Sc.	O.C. Shah Usha Paints Gold Medal, (Paints & Varnishes)	Hardikbhai Umeshbhai Patel
19.	M.Sc.	Soujanya Enterprises Gold Medal, (Paints & Varnishes)	Hardikbhai Umeshbhai Patel
20.	M.SC.	Charutar Vidya Mandal Yashodharaben Ambalal Patel Gold Medal, (Plastics Technology)	Henish Mansukhbhai Khunt
21.	M.SC.	“Maharshi Dayanand Saraswati Gold Medal” Charotar Pradesh Arya Samaj, Anand. (Microbiology)	Sarala Savaliya
22.	M.SC.	Charutar Vidya Mandal Dr. R P Patel, Gold Medal (Industrial Chemistry)	Rakesh Sirajali Sorathiya
23.	M.SC.	Dr. Chandrakant Chunibhai Desai, Gold Medal (Physics), (Solid State Physics)	Amit Bhagubhai Patel
24.	M.SC.	“Maharshi Dayanand Saraswati Gold Medal” Charotar Pradesh	Mona Vajpayee

		Arya Samaj, Anand. (Bio- Technology)	
25.	M.SC.	Smt. Meenakshi Subramaniam Gold Medal (Bio-Technology)	Mona Vajpayee
26.	M.SC.	“Materials Research SOCIETY of India (Gujarat Chapter) Gold Medal” (Materials Science)	Debabrata Ghosh
27.	M.SC.	“Shushilaben Manubhai Patel Gold Medal” (Information Science)	Rushin Vinodbhai Bhagat
28.	M.Sc.	Dr. B P Swadas Gold MEDAL Charutar Vidya Mandal (Oil, Fats & Waxes)	Vikaskumar Chauhan
29.	M.Sc.	Charutar Vidyamandal Gold Medal (Environmental Science)	Dhruti Atulkumar Chokshi
30.	M.Sc.	Ajay R. Bhatt (U.S.A) Memorial Gold Medal (Bioinformatics)	Shruti Kalpesh Kapadiya
31.	M.Sc.	Dr. Rallabhandi Sailaja’s Memorial Gold Medal, (Zoology)	Divyangi Jayantibhai Patel
32.	M.Sc.	Prof. I.L.Kothari Gold Medal, (Bio-Chemistry)	Nidhiben Rameshbhai Thaker
33.	B.C.A.	Late Shri Tribhuvandas K Patel the First Managing Trustee of Sardar Patel Education Trust Anand Gold Medal”	Meghaben Mahendrabhai Jingar
34.	M.C.A.	Late Shri Prafulchandra Ambalal Patel Gold Medal	Kapil Pravinbhai Akhia
35.	M.C.A.	Shri R Subramaniam Gold Medal	Kapil Pravinbhai Akhia
36.	M.C.A.	Smt. Hansaben Rameshbhai Patel Mahudha (Anand) Gold Medal, (MCA & MCA Lateral)	Kapil Pravinbhai Akhia
37.	B.E. (CIVIL)	Late Shri Mahendrabhai Gordhanbhai Patel Gold Medal	Vishal Rajubhai Dabhi
38.	B.E. (CIVIL)	Shri R J Thakar Gold Medal	Vishal Rajubhai Dabhi
39.	B.E. (CIVIL)	Prof. V.K. Padmanabhan Gold Medal	Vishal Rajubhai Dabhi
40.	B.E. (CIVIL)	Smt Snehlata M Thakar Gold Medal, (Lady Topper)	Prakruti Kaushik Naik
41.	B.E. (MECH.)	H.M.T. Limited Gold Plated Medal	Jay Udayan Patel
42.	B.E. (MECH.)	H.M.T. Limited Gold Plated Medal	Amit Kumar Singh
43.	B.E. (Information Tech.)	Shri Bhaikaka (Bhailalbai Dyabhai Patel) Gold Medal	Binal Ajaykumar Thakkar
44.	B.E. (Chemical)	Shri Bhikhabhai Kuberbhai Patel Gold Medal	Karan J. Gandhi
45.	B.E.	Prof J G Shah Gold Medal	Mahernosh Homi Dabhoiwala

	(Electr. & Comm.)		
46.	B.E. (Mechatronics)	Late Shri Kanaksinhji Amarsihji Vaghela Gold Medal	Mit Chandulal Aghera
47.	B.E. (Food Processing & Technology)	Hardik H. Patel- Adit Charutar Vidya Mandal Gold Medal	Trusha Mukesh Mehta
FOR YEAR 2009			
48.	M.E. (Structural Engg.)	Charutar Vidyamandal Gold Medal (Structural Engineering)	Vimleshkumar Vishnuprasad Agrawal
FOR YEAR 2009			
49.	M.E. (Construction Engg. and Management)	Charutar Vidyamandal Gold Medal (Construction Engineering) & Management	Shakilmiya Sirajmiya Malek
FOR YEAR – 2009			
50.	ME. (Computer Engg.)	Charutar Vidyamandal Gold Medal Computer Engineering	Payal Narendrasin Raj
FOR YEAR – 2010			
51.	Master of Valuation (Real Estate)	Smt. Vasantben Chunilal Shah Gold Medal	Pawan Sharma
52.	M.E. Communi. Engineering	Charutar Vidya Mandal Gold Medal	Darshankumar Chandrakant Dalwadi
53.	Master of Industrial Hygiene and Safety	Charutar Vidya Mandal Gold Medal	Pratikkumar Jagdishchandra Patel
54.	B. Architecture	Parisar Trust Architecture (Gold Medal)	Bhavik Yogeshkumar Mehta
55.	B. Architecture	Late AR Suryakant Patel GOLD Medal	Tasnim Khurshid Anaswala
56.	M.Com.	Mafatlal Industries Limited Gold Medal	Chiragkumar Navnitbhai Soni
57.	M.Com.	Prof. Manubhai M. Shah Gold Medal	Chiragkumar Navnitbhai Soni
58.	M.E. Business	Charutar Vidya Mandal's Dr Rajnikant Muljibhai Patel Gold Medal	Valay Rakeshkumar Patel
59.	B.Ed. (Advanced) (English Medium)	DR. C. L. Patel Anupam Gold Medal	Anju Sathyan
60.	B.Ed. (English)	Shri B C Patel Gold Plated Medal	Rubinakausar Ahmedmiya Shaikh
61.	B.P.Ed.	Charutar Vidya Mandal P C Vaidya Gold Medal	Nalin Dinesh
62.	M.Ed.	Prof. Jayendrabhai Kakubhai Dave Gold Medal	Manish Nadkishor Gupta

63.	B.Sc(Home Sci.) (All Branch)	Manibhai Shivabhai Patel Manibhai Patel & Brothers (Charitable Trust) (Gold Medal) (All Branch)	Tanviben Anilkumar Patel
64.	M.Sc (Home Sci.) (FN Branch)	Prof S S Sail Gold Medal (FN Branch)	Bhumiben Vijaykumar Parikh
65.	M.PHARM	Popatlal S Patel (Vipor Chemicals) (Gold Medal) (Quality Assurance)	Khushali Gaurang Shah
66.	M.Pharm	Charutar Vidya Mandal Gold Medal (Pharmaceutics)	Niraliben Rohitbhai Tailor
67.	M.Pharm	Dr. S.R. Patel Charutar Vidya Mandal Gold Medal (Pharmacognosy)	Vandana Govindbhai Patel
68.	M.Pharm	DR. H.K. Patel Charutar Vidya Mandal Gold Medal (Clinical Pharmacy)	Varnika Rameshbhai Kathiria
69.	M.Pharm	Charutar Vidyamandal (Gold Medal) (Pharmacology)	Vishal Jagjivinbhai Patel
MARCH-2007 MARCH-2008			
70.	M.B.B.S. (Part-I & II)	DR. H.C. Srivastava M.S. F.A.M.S. Gold Medal	Neil Umesh Parikh
MARCH-2007 MARCH-2008			
71.	M.B.B.S. (Part-I & II)	Late Smt. Lataben Madhubhai Desai (Nadiad) Gold Medal	Neil Umesh Parikh
APRIL-2010			
72.	M.S. (General) (Surgery)	Late Shri Dhirajlal Shivshanker Raval Gold Medal	Hitesh Amirchand Arora

(6) Ph.D. degrees awarded in 2010-2011

No.	Faculty	Total
1.	Arts	19
2.	Science	31
3.	Engineering & Technology	03
4.	Business Studies	03
5.	Management	04
6.	Education	13
7.	Pharmacy	04
8.	Medicine & Surgery	01
Total		78

FOR THE LIST OF THE PH D THESES, PLEASE REFER TO CHAPTER III

2.7 STUDENTS ACHIEVEMENTS IN 2010-2011

Department Name	Students Achievements	
Library and Information Science	A. NET – JRF / NET – C / SLET/ NBHM/ GATE	
	(1) Kailash Tandel	SLET June- 2010
	(2) Hina Patel	SLET December - 2010

	(3) Pragnesh Parekh	SLET December - 2010
Mathematics	A. NET – JRF / NET – C / SLET/ NBHM/ GATE	
	(1) Yogita Parmar	NET-JRF
	(2) Jigna Panchal	NET-JRF
	(3) Tejas Jani	NET-JRF
	(4) Jayshree Joshi	NET-L
	B. Selection in National Programmes	
	Ajay Patani , Harish Chandra Research Institute, Allahabad, Vacation Students' Programme	
	Asmabanu Rajawada , University of Mysore, Mysore, MTTs Programme	
C. Awards		
Ajay Patani , Stood first in the Section on Mathematics in PG Level in the Minaxi Lalit Science Test conducted by the Gujarat Science Academy during 2010 – 2011.		
Physics	B. Selection in National Programmes	
	Smruti Patel , Physical Research Laboratory, Ahmedabad, Summer Project Programme	
	Ravi Davda , Physical Research Laboratory, Ahmedabad, Summer Project Programme	
	Samir Chauhan , Institute of Plasma Research, Gandhinagar, Students Summer Projects	
	Vanraj , Institute of Physics, Bhubaneswar, Ph. D. Programme	
Statistics	B. Selection in National Programmes	
	Our M.Phil student Mr.L.M.Jadeja cleared Indian Statistical Service Examinations and has been undergoing training programme at New Delhi and other places.	
Sociology	A. NET – JRF / NET – C / SLET/ NBHM/ GATE	
	(1) Minni KT	SLET-2010
Political Science	C. Awards	
	Anagat A. Vaghela , Shivabhai Margabhai Award for being first in all Social Science Subjects	
Gujarati	A. NET – JRF / NET – C / SLET/ NBHM/ GATE	
	(1) Nitin Rathod	NET
	(2) Chetan Jadav	NET
	(3) Pravin Sodhaparmar	NET
	(4) Jignesh Thakkar	NET
	(5) Bharat Khaini	NET
	(6) Sandhya Patel	NET

2.8 EXAMINATION REFORMS UNIT

The Examination Reforms Unit was established in 1976 in Sardar Patel University and received grants from the UGC until March 1995. It was only then that the State Government began to shoulder the financial burden.

Examination Reforms Unit of the University has a very long history of about 32 years, during which its dynamic conveners along with efficient teams have plunged headlong into implementation of various programmes of examination reforms formulated by the UGC.

In a circular dated 19.1.83 sent to all the Universities in India, the UGC had insisted that they implement programmes like (1) Continuous evaluation, (2) Development of Question bank, and (3) Grading and Semester systems to ensure improvement in the objectivity, reliability, and validity of evaluation practices while at the same time to ensure a better correlation between teaching, learning

and evaluation. It had also suggested that they pay urgent attention to the task of redesigning their syllabi, question papers, and actual conduct of examinations. It informed them that the purpose of these suggestions was to bring about qualitative improvement in the examination system prevalent in country at that time.

No transformation is painless. There are bound to be a few hitches and snags in the implementation of anything new. The semester system had, by then, been replaced in many faculties with the time-tested annual system, and grade system with marks system, though the other good features like internal evaluation, units of syllabi, central assessment, the credit system in engineering, moderation etc were kept intact.

This university was among first few universities in the country that introduced semester and grading system in some of its faculties yet again. It made arrangements to get Question Banks prepared in various subject disciplines and adopted the scheme of continuous evaluation through the internal tests. It organized a number of seminars and workshops to enable the teachers in it to study the new system in-depth and to implement various reforms systematically. All the teachers in the university joined enthusiastically in revamping the system on the lines suggested by the UGC.

To implement the CBCS successfully a Task Force was formed.

EXAMINATION REFORMS CARRIED OUT DURING LAST FIVE YEARS.

We initiated the following measures with effect from the University Examinations conducted in March-April 2003 to ensure that the system does not lose its credibility and examinations are conducted without any let or hindrance in just and fair manner:

- 1 Each of the answer-books used have a Serial No. In the space on the top which also has the Examination No. of the Candidate concerned and the Junior Supervisor's signature. All this is flapped by the examinee himself/ herself, thereby lending a greater credibility to the system.
- 2 The answer books are distributed faculty-wise with separate numbers allotted to every faculty to ensure its identity and to foreclose the possibility of the misuse of the answer books. Arrangements have been put in place to maintain the account of the answer books block-wise at the Examination Centre.
- 3 Seating arrangements for Examinations in various disciplines in different institutions are made in accordance with an alphabetically arranged list of the candidates name-wise, keeping in mind the first letter in his/her name. We also take into account the seating capacity available in a given institution for accommodating examinees.
- 4 We have introduced a Hall-Ticket with a given candidate's photograph affixed on it for the Junior Supervisor in the Examination Hall could use it to ascertain the examinee's identity. It also lists the subjects in whom he or she would appear alongside day, date, and time of examination etc.
- 5 We have also introduced the practice of taking a Roll call of the Examinees present.
- 6 Arrangements have been made for the examiners to receive payment on completion of their evaluation of the answer books during central assessment, so that he or she does not have to bother about the lengthy administrative procedures and the university is able to expedite the declaration of the Results.
- 7 We publish the Results on the University Website too.
- 8 Arrangements have been made to make available to the students their mark sheets immediately after the declaration of the Results.

- 9 We have begun to use special security features on the mark-sheets, including those of them that lie unused so as to guard against their possible misuse for fabricating fake/bogus mark-sheets.
- 10 Irregularities and malpractices during examinations have been brought under check thanks to the appointment of full-time Observers at sensitive Examination Centres.
- 11 We have constituted flying squads with members of the Syndicate and the teachers in the PG Departments to visit the examination Centres to obviate any irregularity and/or malpractice, thus restoring the trust and confidence of those who tend to be put off due to this very reason.
- 12 We have been making public through newspapers the penalties imposed on the erring examinees. The reverse side of the Hall-Ticket has been carries the nature of malpractice and the penalties imposed.
- 13 We have made it obligatory for a candidate to affix his/her photograph on the application form with effect from University Examinations conducted from October-November 2003 onward.
- 14 We have been declaring the proposed dates and announcing the timetable for various exams and the results well in advance since 2003-04.
- 15 We have introduced a new system of the Question paper in four groups – A, B, C, D – on experimental basis at the First Year B. Sc Examination.
- 16 Seating arrangement for Undergraduate and Postgraduate Science, students have been made subject-wise assigning different Serial Numbers.
- 17 Special care is being taken to expedite the Re-assessment.
- 18 Special envelopes have been introduced for examination-related work with effect from University Examinations in October-November 2003.
- 19 We have modified the front page of the answer book to introduce columns for entering the marks of reassessment and this was made effective from the University Examination in March / April-2007.
- 20 In the process of Re-assessment answer-sheet observation by students is introduced.

Subsequently from academic year 2009, onwards the semester system in teaching and examination has been introduced in humanities and social science also with these, now all postgraduate level teaching learning and evaluation in the university are being carried out in the semester system only. The university is going ahead to introducing semester system as well as choice based credit system ultimately in all PG and UG programmes.

The university has also rationalized the system of grace marks as well as the system of remuneration for the examination work.

- 1) Moreover, with Internal Quality Assurance Cell University introduces Choice Based Credit System of at UG and PG level from the Academic year 2010-11.
- 2) University introduced personal observation of answer-book of the concern candidate of the University exam held.
- 3) In some faculties University has introduced point system for the appointment of Paper Setter and Examiner.

QUESTION PAPER PATTERN

The university also introduced a uniform paper style to suit the CBCS and the current scenario at various National Qualifying Examinations like UGC, CSIR-UGC, NBHM, GATE for higher studies and placements. Accordingly, a new style of question paper incorporates the unitized approach with equal weighting on each unit and includes the following types of questions.

- (a) Objective type questions,
- (b) Short answered questions
- (c) Detailed answer questions.

At PG level written examination is followed by a comprehensive viva. The new pattern is aimed at testing understanding of the subject and discouraging rote learning.

EVALUATION SYSTEM

1. The weightage of the in semester evaluation (internal evaluation) shall be 40% (30%) and weightage of the end of semester evaluation (external evaluation) shall be 60% (70%).
2. In Internal assessment, the student will have to score 25% marks in each of the Course and in aggregate have to score 35%. In External assessment, the student will have to score 40% marks in each of the Course. In overall, aggregate of internal and external for particular course student will also have to score 40% marks in each of the Course. The candidate will NEVER be said to have failed in a course if he/she is unsuccessful in completing the course by the end of the semester. On the contrary he/she is said to have DROPPED the paper.
3. There shall be a common guideline for the component of Internal Evaluation which must fulfill the criterion of Continuous and Comprehensive Assessment.

A continuous assessment scheme in semester system (also known as internal assessment/comprehensive assessment) will be spread through the duration of course and will be done by the teacher teaching the course. The assessment will be done through various means including:

- Written tests
- Multiple Choice Questions MCQ based quizzes
- Presentations
- Projects
- Field visits
- Seminars
- Group discussions/activities etc

Institutions/Colleges/Departments have to submit the internal marks according to above distribution as decided by faculties.

4. There shall be a fixed structure of question papers which includes the following criteria for all courses.
 1. Evaluation with respect to knowledge.
 2. Evaluation with respect to Understanding.
 3. Evaluation with respect to skill.
 4. Evaluation with respect to Applications.
 5. Higher Order Thinking Skills

With respect to all above components, there will be following four types of questions from each unit of the course:

1. Multiple Choice Questions (MCQ)
2. Short Questions
3. Long Answer Questions
4. Very Long Answer Questions

Question bank shall be prepared by the subject experts from each faculty.

5. There shall be minimum one internal test along with other component of evaluation during a semester. (colleges/departments/institute can arrange more than one internal evaluation).

Component	Units covered in a course	Weightage	Weightage Unit wise	Period of continuous assessment
I	1,2	20%	10%	To be consolidated by 8 th week
II	3,4	20%	10%	To be consolidated by 16 th week
III	Semester end exam	60%	15%	To be consolidated by 18-20 week
Final Grades to be announced by 24th week				

PASSING CRITERIA

6. A candidate who has undergone a regular course of study in a particular Semester, fulfill the required criteria of attendance and has secured marks equal to passing standard both in Internal and External Examination shall be eligible for continuing study in next Semester, provided that,

“A candidate will be allowed to go to IV semester only if he/she has passed all the courses of I Semester. Also candidate will be allowed to go to go to V semester if he/she passed all the courses of II semester. Similarly a candidate will be allowed to go to VI semester if he/she passed all the courses of III semester”.

For Integrated courses (5 years duration)

“A candidate will be allowed to go to IV semester only if he/she has passed all the courses of I Semester. Also candidate will be allowed to go to V semester if he/she passed all the courses of II semester. A candidate will be allowed to go to go to VI semester if he/she passed all the courses of III semester.

From Seventh Semester onwards, a candidate will be allowed to go to VII semester if he/she passed all the courses of V semester. A candidate will be allowed to go to VIII semester if he/she passed all the courses of VI semester. Similarly, a candidate will be allowed to go to X semester if he/she passed all the courses of VIII semester”.

GRADE POINT SYSTEM

1. Grading System shall be converted to 7 point scale from existing scale in the following manner.

Grade Points	Description	% of marks	Division/Grade
10	Outstanding	90% →99%	First/O
9	Excellent	80% →89%	First/A
8	Very good	70% →79%	First/B
7	Good	60% →69%	First/C
6	Fair	50% →59%	Second/D
5	Average	40% →49%	Pass/E
4	DROPPED	Below 40%	F

The Class/ Division shall be awarded on the basis of CGPA

	CGPA		Grade
First class with O	9.00	to 10.00	O
First class with A	8.00	to 08.99	A
First class with B	7.00	to 07.99	B
First class with C	6.00	to 06.99	C
Second Class with D	5.00	to 05.99	D
Pass class with E	4.00	to 04.99	E
Dropped - F	CGPA 0.00	to 03.99	F

2. All other provisions not covered here shall be as per the existing norms.
3. In the interpretation of any provision of the above rules & regulations, the decision of the Vice-Chancellor shall be final and binding to all.

CHAPTER –3

RESEARCH CONSULTANCY AND EXTENSION SERVICES

3.1 RESEARCH

Research is a very significant activity of the University. The University has a very active faculty committed to research and development. A great importance is attached to research, both as an activity and source for generating new knowledge. The University teachers and researchers are fully committed and dedicated to research. Examples of some of our thrust areas of research are as follows:

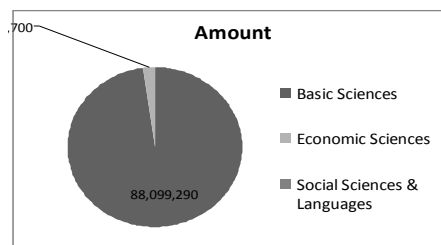
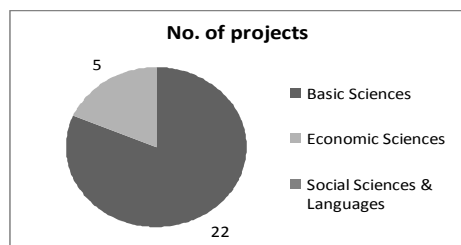
THRUST AREAS IN OUR VARIOUS DEPARTMENTS

The following of our Departments have what is given against them as their thrust areas of research:

1. Biosciences (Microbial Biotechnology, Plant and Animal Biotechnology, Environmental Studies, Aqua Culture Studies)
2. Chemistry (Polymer Science, Organic and Inorganic Chemistry, and Physical Chemistry)
3. Computer Science (Systems Software system, Distributed computing, Knowledge-based Systems, Image Processing)
4. Electronics (Semi-conducting Thin Films and Device Applications, Gas Sensors, Biosensors, Polymer Electronics)
5. Home Science (Foods and Nutrition, Food Biotechnology, Family Resource Management, Textile & Clothing and Human Development)
6. Materials Science (Thin Film, Ceramics, Carbon, Nano Materials, and Smart Materials, Conducting Polymers)
7. Mathematics (Functional Analysis and Applications, Harmonic Analysis, Relativity, Tribology, Financial Mathematics, Noncommutative Geometry)
8. Physics (Condensed Matter Physics, High Energy Physics, Atomic and Molecular Physics, Theoretical Physics)
9. Statistics (Design of Experiments, Inference, Reliability and Life Testing, Statistical Quality Control, Bio-statistics)
10. Business Administration (Consumer Education and Research, Market Research)
11. Business Studies (Finance and Accounts, Entrepreneurship Development and Small Business, Marketing Management)
12. Economics (Agriculture Economics, Rural Development, and Environmental Economics)
13. English (Representations of Community, Culture and Ideology, and Exploration of the Post-1970 Gujarati, Hindi and English Literatures; Contemporary English Literature; New Literatures; Contemporary Literary Theory and Criticism; American Literature; Applied Linguistics etc)
14. Gujarati (Narratology, Comparative Indian Literature, Myth and Motif Studies)
15. Hindi (Functional Hindi, Dramatics and Dramaturgy, Theatre and Media Research)
16. History (History of Struggle for Independence, Modern History)
17. Library and Information Science (Networking, Communication of Information)
18. Political Science (International Relations, Ethics and Morality in Politics)
19. Psychology (Clinical Psychology, Industrial Psychology)
20. Sanskrit (Purva Mimamsa, Nyaya Mimamsa, Alankara, Vedanta)
21. Social Work (Rural Development, Industrial Sociology)
22. Sociology (Indian Diaspora, Medical Sociology)
23. Education (Philosophy of Education, Teaching-Learning Process)

(1) NEW RESEARCH PROJECTS OF POSTGRADUATE DEPARTMENTS

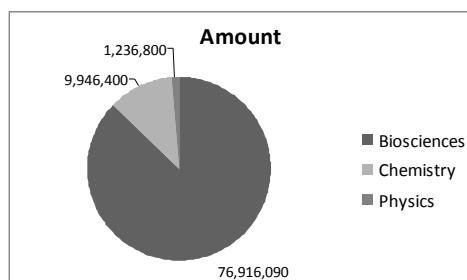
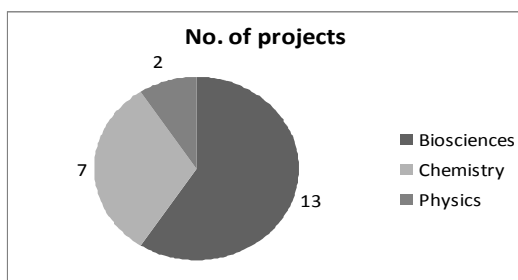
(I) AN OVERVIEW



No.	Departments	No. of projects	Amount
1.	Basic Sciences	22	8,80,99,290/-
2.	Economic Sciences	05	19,83,700/-
3.	Social Sciences & Languages	---	---

(II) DEPARTMENTS WISE NEW RESEARCH PROJECT DETAILS

(A) BASIC/NATURAL SCIENCES



New Research Projects Undertaken and Grant Received by the Teachers of Basic Sciences of Postgraduate Departments in 2010-2011

No.	Departments	No. of projects	Amount
1.	Biosciences	13	7,69,16,090/-
2.	Chemistry	07	99,46,400/-
3.	Physics	02	12,36,800/-
Total		22	8,80,99,290/-

DETAILS OF THE PROJECTS UNDERTAKEN : DEPARTMENTWISE

DEPARTMENT OF BIOSCIENCES

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Prof. Datta Madamwar	Molecular assessment of bacterial community structure of long term polluted sea coast near Alang ship breaking yard and exploitation of the bacterial wealth for PAH bioremediation	DST New Delhi	Rs. 26,95,000/- SR/SO/PS-08/09/A dated 5th July, 2011	3 Years August 2010 to July 2013
Prof. Datta Madamwar as Coordinator with Dr. R. B. Subramanian & Dr. Hareshkumar Keharia	Molecular and '-omics' technologies to gauge microbial communities and bioremediation of xenobiotic contaminated sites.	DBT New Delhi	Rs. 3,07,73,000/- No. BT/1/CEIB/09/V/05 dated 3rd September, 2011	5 Years October 2010 to September 2015
Prof. Datta Madamwar	Application of periodic discontinuous batch operation to enhance treatment efficiency of dye containing wastewater	DBT New Delhi	Rs. 51,02,000/- BT/PR- 11070/BCE/08/693/200 8 Dated 17th September, 2011	3 Years November 2010 to October 2013
Dr. Sujata Subhash Bhatt	An investigation into the development of Alternative carp feed using prebiotics Probiotics and fermentation	University Grants Commission (UGC) New Delhi	Rs.6,69,800/- F.No.39-659/2010 (SR)	Three years 2011 to 2014
Dr.V.R.Thakkar	“Characterization of natural resistance in A hypuqueagainst Angier”	UGC	Rs.10,61,800/- F.No 3924/2010 (SR) 20th Dec 2010	Feb 2011 to Jan 2014
Dr. M. Nataraj	Micropropagation of Hyphaene dichotoma- a rare and endemic palm	UGC	F.39-394/2010 (SR), dated 27-12-2010	Three years
Dr. J. S. S. Mohan (PI)	Evaluation of Physiological Effects of Pyraclostrobin 20% WG in Zea mays L.	BASF India Pvt. Ltd., Mumbai	Rs 1,10,000/- G/1-S/1958 D. 28/06/2010	July 2010 – March 2011
Dr. J. S. S. Mohan (PI)	Induction of systemic acquired resistance to control blight and wilt in Cuminum cyminum L. by using Alternaria burnsii and Fusarium oxysporum f. sp. cumini derived elicitors.	UGC	Rs 9,61,800/- F.No.39-430/2010 (SR) D. 7 January 2011	February 2011 – January 2014

Dr. R. B. Subramanian	Screening and Identification of a SSR marker linked to resistance against Fusarium wilt in tomato.	UGC, New Delhi	8,63,300/- F. 37-523/2009(SR) 12-01-2010	Three Years (01-02-2010 to 31-03-2011)
Dr. R. B. Subramanian	Molecular and “-omics” technologies to gauge microbial communities and bioremediation of xenobiotic contaminated sites and plant-microbe interaction.	DBT	307.73 lacs 102/IFD/SAN/5776/2010-2011 01-09-2010	Five Years (03-09-2010 to 2-08-2015)
Dr. R. B. Subramanian	An investigation on the effect of Pyroclostrobin on physiology and growth of Gossypium hirsutum	BASF	1,39,000/-	6 months From 01-10-2011 to 31-03-2012
Dr. Ujjval Trivedi	Microbial synthesis and purification of Chiral Hydroxyalkanoic acid.	CSIR	17 lacs, Letter no.PGB/UBT/CSIR/587 3rd February 2011.	36 months
Dr. (Mrs.) Kiran Kalia	Potential of Marine Bacterial Isolates in Arsenic Bioremediation	Ministry of Earth Sciences (MoES), New Delhi	Rs. 21,33,090/-, Letter no. MoES/11-MRDF/1/28/P/09-PC-III 2010-2013 dated 17/06/2011	3 years (October 2010-September 2013)

DEPARTMENT OF CHEMISTRY

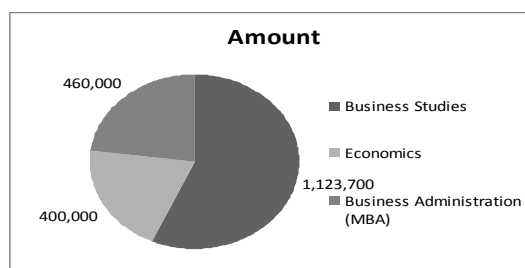
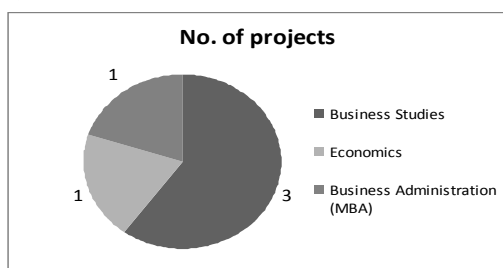
Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Hasmukh S. Patel	Decolorization and removal of dyes from textile industries influents	UGC Project, New Delhi	Rs.864300, 1Feb-2011	3 Years
Dr. N. V. Sastry	Studies on Aggregation Behavior of Pyridinium based Amphiphilic Ionic Liquids in Water and in Presence of Aggregate Growth Promoters	UGC – DAE Consortium for Scientific Research, Mumbai Center, R-5 Shed, BARC, Mumbai	Rs. 3,93,000 /- UDCSR/AO/MUM/ CRS-M-161/10/386 dated 31st December 2010	Three years
	Nanoaggregates in Mixed Micellar Systems of Amphiphilic Copolymer and Conventional Ionic or	University Grants Commission, New Delhi	Rs. 8,64,300 /-, F. No. 40-94/2011 (SR) dated 5th July 2011	Three years

	Nonionic Surfactants – A Search for Synergistic Behaviour and Their Utility As Drug Solubilizing and Release Systems Based On Hydrogels			
Dr. N. J. Parmar	Synthesis of bioactive polyheterocycles via Knoevenagel-hetero-Diels- Alder-reaction	UGC, New Delhi	7,38,800/- (No.F39-822/2010 (SR)dated 11.01.2011)	Three years (From: 1/02/2011 to 31/01/2014}
Dr.K.H.Patel	Synthesis,characterization and photovoltaic Applications of metal coordinated dyes. (MINOR PROJECT)	UGC, New Delhi	70,000/- F.No.34-549/2008(SR)	Two years
Dr. Manish P. Patel	Studies of New Superabsorbent Nano Materials for Removal of Toxic metals and Dyes from Industrial Wastewater.	UGC, New Delhi	7.016 Lakhs F.No: 39-685/2010 (SR) dated 11-01-2011.	Feb-2011 to Jan-2014

DEPARTMENT OF PHYSICS

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. G.K.Solanki	Studies on well characterized doped crystals of GeSe and SnSe for their applications in opto-electronic devices.	U.G.C., New Delhi	4,95,000/- No. : F. No. 39-523/2010 (SR) Date:07/01/2011	Three years 1st March-2011 to 28th February 2014
Dr. S. H. Chaki (PI)	Preparation and characterization of CuxS (x= 1 to 2) in nanocrystalline thin films, nanoparticles and single crystal forms for optoelectronic devices.	U.G.C., New Delhi	7,41,800/- No. : F. 39-518/2010 (SR) Date:07/01/2011	February 2011 to January 2014

(B) ECONOMIC SCIENCES



New Research Projects Undertaken And Grant Received By the Teachers of Economic Sciences of Postgraduate Departments in 2010-2011

No.	Departments	No. of projects	Amount
1.	Business Studies	03	11,23,700/-
2.	Economics	01	4,00,000/-
3	Business Administration (MBA)	01	4,60,000/-
Total		05	19,83,700/-

DEPARTMENT OF BUSINESS STUDIES

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Raju M. Rathod	Metrics Linking Marketing to Financial Performance: Comparative Study of Public and Private Sectors Banks	UGC New Delhi (Major Research Project)	5,13,200/-	1-2-2011 to 31-01-2013
Dr. Yogesh Joshi – Convener Dr. R.M. Rathod – Dy. Convener	District Human Development Report – Pnachmahal District	Government of Gujarat	5,15,500/-	Commence from February 2011 (Six Months)
Dr. Y M Dalvadi	Receive minor Research Project on “Adoption of Technology for Accounting in Selected SME’s of Gujarat: Problem and Prospects”	UGC	95,000/- February 1, 2011	1.5 years

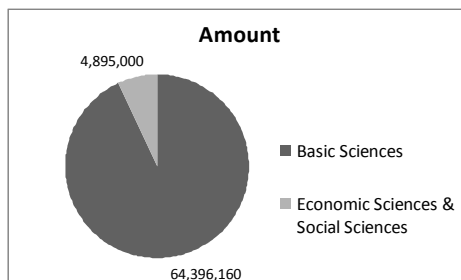
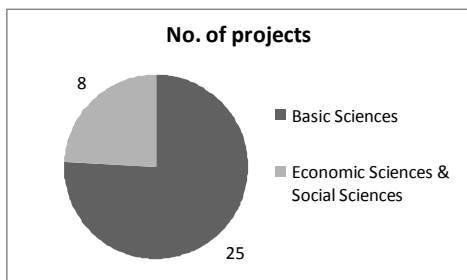
DEPARTMENT OF ECONOMICS

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. H. P. Trivedi Dr. D.J. Chauhan Dr. Sonal Bhatt	Project for the preparation of Panchmahal District Human Development Report Sponsored by Directorate of Human Development, GOG	Government of Gujarat	Rs. 4 Lakhs	8 Months

DEPARTMENT OF BUSINESS ADMINISTRATION

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Yogesh .C. Joshi, Principal Convener	District Human Development Report	Government of Guj.	Rs. 4.60 lakhs	6 months

(2) ONGOING RESEARCH PROJECT OF POSTGRADUCATE DEPARTMENTS



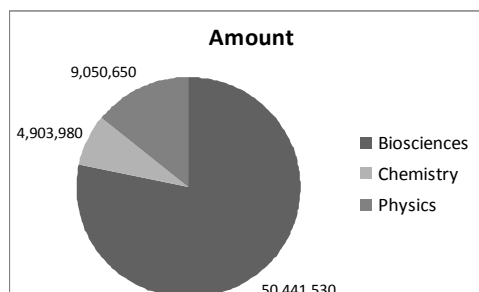
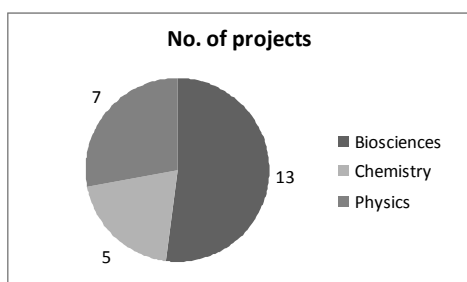
(I) AN OVERVIEW

No.	Departments	No. of projects	Amount
1	Basic Sciences	25	6,43,96,160/-
2	Economic Sciences & Social Sciences	08	48,95,000/-

(II) DEPATMENT WISE ONGOING PROJECTS DETAILS

(A) BASIC / NATURAL SCIENCES

Ongoing Reserch Projects Undertaken and Grant Received by the Teachers of Basic Sciences of Postgraduate Departments in 2010-2011



No.	Departments	No. of projects	Amount
1.	Biosciences	13	5,04,41,530/-
2.	Chemistry	05	49,03,980/-
3.	Physics	07	90,50,650/-
	Total	25	6,43,96,160/-

DEPARTMENT OF BIOSCIENCES

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Prof. Datta Madamwar	Metagenome analysis for metabolic pathways present in activated biomass at common effluent treatment plant (CETP)	DBT New Delhi	Rs. 61,32,000/- BT/PR-11724/BCE/08/719/2008 dated 19th November, 2009	3 Years January 2010 to December 2013
	Molecular assessment of	DST New Delhi	Rs. 26,95,000/- SR/SO/PS-08/09/A	3 Years August 2010

	bacterial community structure of long term polluted sea coast near Alang ship breaking yard and exploitation of the bacterial wealth for PAH bioremediation		dated 5th July, 2011	to July 2013
Prof. Datta Madamwar as Coordinator with Dr. R. B. Subramanian & Dr. Hareshkumar Keharia	Molecular and 'omics' technologies to gauge microbial communities and bioremediation of xenobiotic contaminated sites.	DBT New Delhi	Rs. 3,07,73,000/- No. BT/1/CEIB/09/V/05 dated 3rd September, 2011	5 Years October 2010 to September 2015
Prof. Datta Madamwar	Application of periodic discontinuous batch operation to enhance treatment efficiency of dye containing waste-water	DBT New Delhi	Rs. 51,02,000/- BT/PR-11070/BCE/08/693/2008 Dated 17th September, 2011	3 Years November 2010 to October 2013
PI: Dr. Mrs. Amita R. Shah Co investigator: Prof. Datta Madamwar	Microbial conversion of agroresidues and liquid industrial waste to high value products	University Grants Commission	Rs: 11,53,300/- No. F-33-203/2007 (SR) Date:29/02/2008	May 2008 to April 2011
Dr. Sujata Subhash Bhatt	An investigation into the development of Alternative carp feed using prebiotics Probiotics and fermentation	University Grants Commission (UGC) New Delhi	Rs.6,69,800/- F.No.39-659/2010 (SR)	Three years 2011 to 2014
A.V.R.L. Narasimhacharya	An investigation on the effects of dietary intervention in fluoride toxicity	UGC	Rs. 8,46,800/- F.No. 34-433/2008 {SR} dated: 3rd Dec., 2008	3 Years (2009-2012)
Dr. J. S. S. Mohan (PI)	Induction of systemic acquired resistance to control blight and wilt in Cuminum cyminum L. by using Alternaria burnsii and Fusarium oxysporum f. sp. cumini derived elicitors.	UGC	Rs 9,61,800.00 F.No.39-430/2010 (SR) D. 7 January 2011	February 2011 – January 2014
Dr. R. B.	Screening and	UGC, New	8,63,300/-	Three Years

Subramanian	Identification of a SSR marker linked to resistance against Fusarium wilt in tomato.	Delhi	F. 37-523/2009(SR) 12-01-2010	(01-02-2010 to 31-03-2011)
	Molecular and “-omics” technologies to gauge microbial communities and bioremediation of xenobiotic contaminated sites and plant-microbe interaction.	DBT	307.73 lacs 102/IFD/SAN/5776/2010-2011 01-09-2010	Five Years (03-09-2010 to 2-08-2015)
	An investigation on the effect of Pyroclostrobin on physiology and growth of Gossypium hirsutum	BASF	1,39000/-	6 months From 01-10-2011 to 31-03-2012
Dr. T. V. Ramana Rao	Histo-physiological analysis of melons at different rates of ripening.	UGC	Rs. 7, 77, 800/- F. No. 36-204/2008 (SR) dated 26th March, 2009	3 Years May 2009 – April 2012
Prof. K. S. Rao	Pattern, distribution and heterogeneity of lignification on tropical trees	UGC	F.No.33-172/2007(SR) 1-4-08	3-year 6 month

DEPARTMENT OF CHEMISTRY

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Hasmukh S. Patel	Decolorization and removal of dyes from textile industries influents	UGC Project, New Delhi	Rs.864300,1Feb-2011	3 Years
Dr. N. V. Sastry	Studies on Aggregation Behavior of Pyridinium based Amphiphilic Ionic Liquids in Water and in Presence of Aggregate Growth Promoters	UGC – DAE Consortium for Scientific Research, Mumbai Center, R-5 Shed, BARC, Mumbai	Rs. 3,93,000 /- UDCSR/AO/MUM/ CRS-M-161/10/386 dated 31st December 2010	3 years
	Nanoaggregates in Mixed Micellar Systems of Amphiphilic Copolymer and Conventional Ionic or Nonionic	University Grants Commission, New Delhi	Rs. 8,64,300 /-, F. No. 40-94/2011 (SR) dated 5th July 2011	3 Years

	Surfactants – A Search for Synergistic Behaviour and Their Utility As Drug Solubilizing and Release Systems Based On Hydrogels			
Dr. N. J. Parmar	Synthesis of bioactive polyheterocycles via Knoevenagel-hetero-Diels-Alder-reaction	UGC, New Delhi	7,38,800/- (No.F39-822/2010 (SR)dated 11.01.2011)	Three years (From: 1/02/2011 to 31/01/2014}
Dr. S. S. Soni	“Development of high efficiency low cost dye sensitized Solar Cells”	DST, New Delhi	Rs. 20,43,581/- (Ref. No. DST/TSG/PT/2008/23 dated 22nd May 2009	3 years

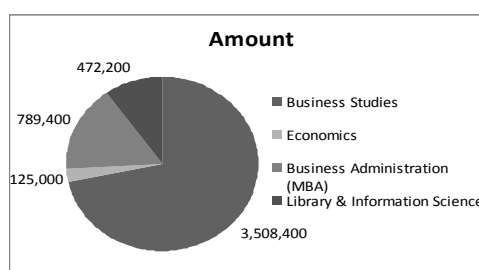
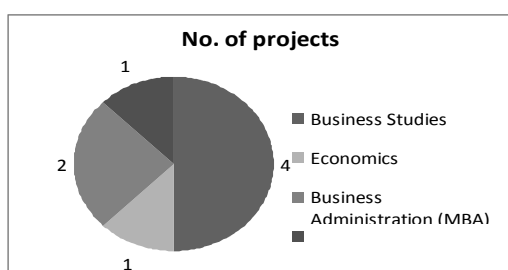
DEPARTMENT OF PHYSICS

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Prof. K. N. Joshipura	Electron scattering and atomic molecular processes in planetary and space environments – theoretical investigations	ISRO – Dept of Space Bangalore	Rs. 13.47 Lakhs, RES/02/356 dated 1/4/2009	Three years 2009 - 2012
Prof. Urmilaben H. Patel	“X-Ray Crystallographic Investigations and Ab-initio calculations of O-Heterocyclic Compounds”.	UGC	Rs. 9,27,300/- F34-23/2008 (SR) dated 30th Dec., 2008	1st February, 2009 to 31st January, 2012
Prof. A. T. Oza	“Electric, magnetic and optical properties of low-dimensional conductors	UGC	F No. 24-14/2008(SR) 30 Dec. 2008	3 Years
Prof. P. C. Vinodkumar	“Spectroscopy and Decay propertiesModels”	DST	Rs. 9,87,800/-SR/S2/HEP-20/2006	3 yrs 2007-2010
M. P. Deshpande / A. R. Jani Co-Collaborator Dr. Rekha Rao	Raman Spectroscopy and Resistivity studies of semiconductors under pressure	DAE-BRNS	Rs. 24,61,250/-Sanctioned letter No. 2010/34/39/BRNS with ATC, BRNS dated 06/01/2011.	2010-2013

S. H. Chaki / M. P. Deshpande Co-Collaborator Dr. Manmeet Kaur	Synthesis and characterization of Tin monosulphide thin films, nanoparticles and single crystals for optoelectronic devices	DAE-BRNS	Rs. 24, 49, 000/- Sanctioned letter No. 2010/34/34/BRNS with ATC, BRNS dated 13/12/2010	2010-2013
Dr. K. D. Patel	Growth and characterization of some TMDC compound semiconductor thin films and their applications in Schottky barrier devices	UGC, New Delhi	Rs. 8,78,300/- F33-8/2007 (SR) 28/02/2008	Three years (Apr.-2008-March-2011)

(B) ECONOMIC SCIENCES & SOCIAL SCIENCES

Ongoing Reserch Projects Undertaken and Grant Received by the Teachers of Economic Sciences & Social Sciences Postgraduate Departments in 2010-2011



No.	Departments	No. of projects	Amount
1.	Business Studies	04	35,08,400/-
2.	Economics	01	1,25,000/-
3.	Business Administration (MBA)	02	7,89,400/-
4.	Library and Information Science	01	4,72,200/-
Total		08	48,95,000/-

DEPARTMENT OF BUSINESS STUDIES

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. P. K. Rathod Professor & Head Coordinator UGC-SAP DRS-I	“Corporate Disclosure and Investors Protection in India in a changing scenario”	UGC, New Delhi	23.5 lakhs + 1 PF Actual No. F5-10/2007/(SAP-III) Dtd.: 22/02/2007	Five Year Phase – I (2007-2012)
Dr.Sandip K Bhatt	“Role of Microfinance in India: With special of Nabard and Model of	UGC, New Delhi	4,93,200/- F.No.5-321(3)/2009 (HRP) Dated 01-02-2010	2 years

	Grameen Bank”			
Dr. C.K.Sonara Principal Investigator	Corporate environmental accounting and reporting: an empirical study of different groups of selected companies in India.	UGC, New Delhi	4,96,200 / - Ref: F.No.5 – 321(1) 2009 dated 7 -1 – 2010.	Two years [07/01/2010 To 06/01/2012]
Dr. R. M. Joshi Asso. Professor	Performance Appraisal of Tourism Industry in India – An empirical study of selected states.	UGC, New Delhi	1,69,000/-	2 Years

DEPARTMENT OF ECONOMICS

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Sonal Bhatt	Exploration of Factors Affecting Participatory Irrigation Management in Selected Water Users’ Associations of Gujarat	UGC, New Delhi	Rs. 1, 25,000/-	18 months

DEPARTMENT OF BUSINESS ADMINISTRATION (M.B.A)

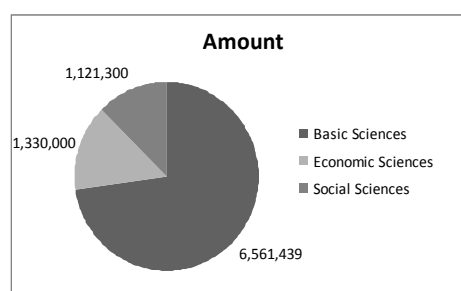
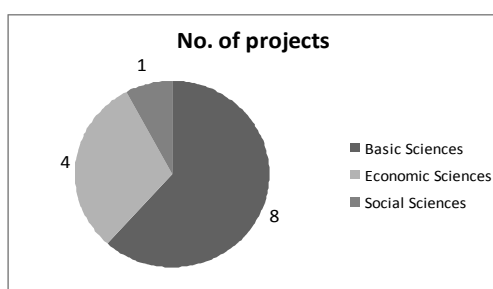
Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. P.K. Priyan Principal Investigator Dr. D.R.Dave Co-investigator	“Incubation Centres- A Critical Requisite for Techno-Entrepreneurship: A study on Gujarat Experience”	UGC, New Delhi	Rs. 2,08,600 F.No. 5-404/2007(HRD)	3½ years
Dr. A. C. Mehta	“Corporate Governance in Cement Industry” An In-depth Study of selected Cement Manufacturing Companies in India”	UGC, New Delhi	Rs.5,80,800 F.No. 5-367/2010(MRP) 17-02-2011	2 years

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Prof. U. A. Thaker Principal Investigator Prof. C. N. Rawal Co-Investigator	Major Research Project 'Rural Information Center for Anand District'	UGC, New Delhi	Rs. 4,72,200=00 E-5-29(2)2008 HRP, Dated 26/12/2008 Extended up to July 2011	2 Years

(3) RESEARCH PROJECTS COMPLETED OF POSTGRADUATE DEPARTMENTS

(I) AN OVERVIEW

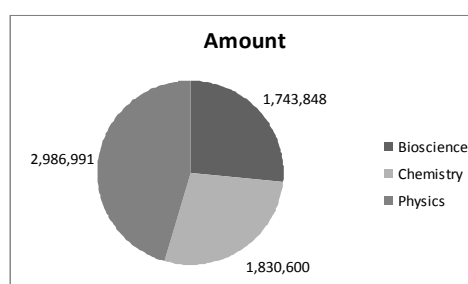
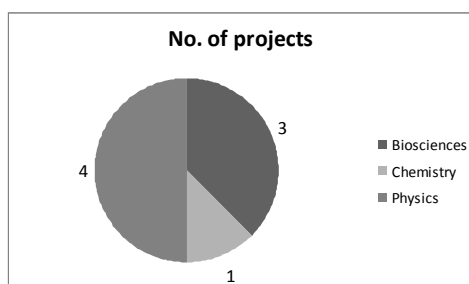


No.	Departments	No. of projects	Amount
1.	Basic Sciences	08	65,61,439/-
2.	Economic Sciences	04	13,30,000/-
3.	Social Sciences	01	11,21,300/-

(II) DEPARTMENTS WISE RESEARCH PROJECTS COMPLETED DETAILS

(A) BASIC / NATURAL SCIENCES

Research Projects Completed and Grant Received by the Teachers of Basic Sciences of Postgraduate Departments in 2010-2011



No.	Departments	No. of projects	Amount
1.	Biosciences	03	17,43,848/-
2.	Chemistry	01	18,30,600/-
3.	Physics	04	29,86,991/-
	Total	08	65,61,439/-

DEPARTMENT OF BIOSCIENCES

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration & Date of Completion
Dr. J. S. S. Mohan (PI)	Evaluation of Physiological Effects of Pyraclostrobin 20% WG in Zea mays L.	BASF India Pvt. Ltd., Mumbai	R 110000.00 G/1-S/1958 D. 28/06/2010	July 2010 – March 2011
Dr R B Subramanian	Screening and Selection of an anthelmintic drug tolerant strain of Arthrotyrys musiformis against animal nematodes.	CSIR, New Delhi	12,46,248/- 38(1173)/07EMRII 21-09-07	September, 2010 Three Years
A S Reddy	Bridging the Knowledge gaps in the Flora of Gujarat and development electronic version with updated information	UGC, New Delhi	3,87,600/- F-32-384/2006(SR) Dt.24.02.2007	3year March 2010

DEPARTMENT OF CHEMISTRY

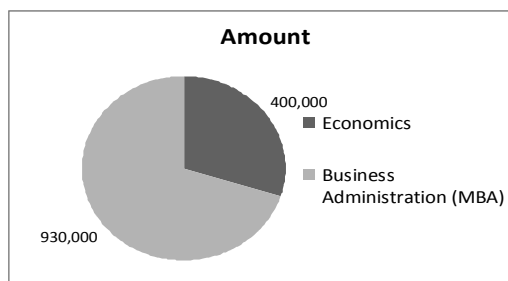
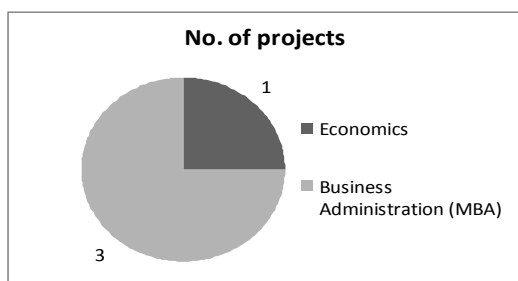
Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration & Date of Completion
Dr. H. S. Patel	“Galss reinforced composites based on agricultural waste”	Udyog bhavan Gandhinagar	3,75,000	2007-2010
	“Modification of shellac and its material application”.	Forest Department, Government of Gujarat, Gandhinagar	7,23,000	2007-2010
	“Modified Poly-imides based on Agricultural Waste”.	DSIR Anand	7,32,600	2006-2010

DEPARTMENT OF PHYSICS

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration & Date of Completion
Prof. P C Vinodkumar	“Spectroscopy and Decay propertiesModels”	DST	Rs. 9,87,800/- SR/S2/HEP-20/2006	3 yrs 2007-2010 17/07/2010
Prof. M.P. Deshpande	Growth and characterization of Bi ₂ Se ₃ single crystals by vapour phase	U.G.C., New Delhi	Rs. 10,21,891/- Sanctioned letter No.F. 33-1/2007(SR) dated :	2008-2011

	technique and its application for thermoelectric devices		28 February 2008.	
Dr. K. D. Patel	Growth and characterization of some TMDC compound semiconductor thin films and their applications in Schottky barrier devices	U.G.C., New Delhi	Rs. 8,78,300/- F33-8/2007 (SR) 28/02/2008	Three years (Apr.-2008-March-2011)
Dr. Nisarg K. Bhatt	Study of High-Pressure and High-Temperature Properties of Metals and Alloys	U.G.C.	99,000/- Letter No. F.34-504/2008 (SR), dated 15-1-2009	02 Years (01-02-2009 to 31-01-2011)

(B) ECONOMIC SCIENCE



Research Projects completed and Grant Received by the Teachers of Economic Sciences of Postgraduate Departments in 2010-2011

No.	Departments	No. of projects	Amount
1.	Economics	01	4,00,000/-
2.	Business Administration (MBA)	03	9,30,000/-
Total		04	13,30,000/-

DEPARTMENT OF ECONOMICS

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration & Date of Completion
Dr. H. P. Trivedi Dr. D.J. Chauhan Dr. Sonal Bhatt	Project for the preparation of Dangs District Human Development Report Sponsored by Directorate of Human Development, Government of Gujarat	Government of Gujarat	Rs. 4 Lakhs	8 Months Submitted Draft Report

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration & Date of Completion
Dr. H.J. Jani Principal Investigator & Dr. Yogesh. C. Joshi Co-investigator	Environmental Management System: Expectations, Experiences and benefits, A Study of some ISO – 14000 certified companies in India.	UGC New Delhi	Rs. 2,60,000/-	2 years 6 month
Dr. Yogesh C. Joshi Principal Investigator	“A study of Management of public policies for poverty alleviation: Role of other stakeholders and Institutional changes on Gujarat and Rajasthan in western India”	UGC New Delhi	Rs.2,10,000/-	2 years 6 month
Dr. Yogesh C. Joshi Co-investigator	Preparation “DHDR - Dangs district.	Government of Guj.	Rs. 4.60 Lakhs.	1 Year

(C) SOCIAL SCIENCES

Research Projects Completed And Grant Received By The Teachers Of Social Sciences & Languages of Postgraduate Departments in 2010-2011

No.	Departments	No. of projects	Amount
1.	Sociology	02	11,21,300/-
TOTAL		02	11,21,300/-

DEPARTMENT OF SOCIOLOGY

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration & Date of Completion
Dr. H N Patel	Elderly in the Rural Areas of Gujarat : Role, Status, Life Condition and Problems	UGC, New Delhi	Rs. 6,01,300/- F-5-357/2007 (HRP)15/03/2008	01/04/2008 to 31/03/2011
Dr. R H Makwana	Emerging Tribal Women in Panchayat of Gujarat State : A Sociological Study	UGC, New Delhi	Rs. 5,20,000/- F-5-29(3) 2008 (HRP) 26/12/2008	Two Years

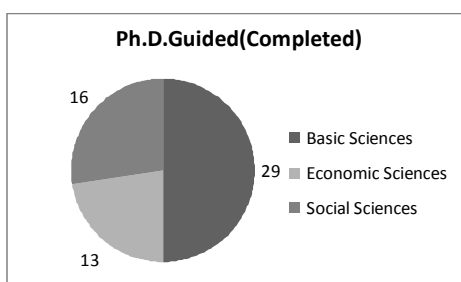
(4) Ph.D. PROGRAMME

University Postgraduate Departments have a strong Ph.D. Programme. This programme is integral to our research efforts. The Ph.D. Programme is intended to be a training programme that enables a researcher to work on his/her research independently. University seeks a balance between scholarship and research contribution of a Ph.D. scholar by ensuring that he/she engages in an extensive study in the beginning before embarking on a specific research problem. Our Ph.D. programme has been designed in such a way that any research scholar wishing to pursue further research can choose whether he/she wishes to do it full-time for a minimum of three years or part-time for a minimum of 5 years. The University has a Ph.D. Programme in affiliated PG Centres and recognized research centres too. A Research Committee in the subject concerned monitors the Ph.D. Programme in each subject. We are happy to report that we have made a provision for an interdisciplinary Ph.D. programme, which is jointly monitored by the Research Committees in the respective subject/s.

In accordance with the guidelines issued by the University Grants Commission, New Delhi, the University has introduced the entrance test and students counselling by the departmental research committee for candidates seeking admission to Ph.D. A course work of 9 credit including course on research methodology in each subject is made compulsory for Ph.D students in each faculty.

(1) Ph.D. STUDENTS GUIDED (COMPLETED) IN UNIVERSITY POSTGRADUATE DEPARTMENTS

(I) OVERVIEW



No.	Departments	Ph.D.Guided(Completed)
1.	Basic Sciences	29
2.	Economic Sciences	13
3.	Social Sciences	16

(II) Ph.D. PROGRAMME OF POSTGRADUATE DEPARTMENTS DETAILS

(A) BASIC/NATURAL SCIENCE

Ph.D. Students Guided (Completed) by the Teachers of Basic Sciences of Postgraduate Departments in 2010-2011

No.	Departments	Ph.D.Guided(Completed)
1.	Biosciences	11
2.	Chemistry	12
3.	Mathematics	02
4.	Physics	02
5.	Statistics	02
Total		29

DEPARTMENT OF BIOSCIENCES

Name of Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Prof. Datta Madamwar	April 19, 2010	Mr. Eltayib Hassan Ahmed Mohammed Osman (International Student)	Study on lipolytic bacteria: isolation, media optimization, characterization, application and phylogenetic analysis	Full Time
	April 27, 2010	Ms. Deepti Srivastava (As Co-guide)	Isolation and characterization of arsenic resistant microorganisms from arsenic contaminated sites and the role of some micronutrients in arsenic toxicity	Full Time
Dr. Sujata Subhash Bhatt	04-02-2011	Mr. Sandeep G Chovatiya	An integrated approach for feed development for Indian Major Carps (IMCs) to enhance their production by using probiotics, enzymes and different agrobased unconventional feed	Full Time
Dr. V.R. Thakkar	29/11/2010	Himanshu S. Bariya	“ Studies of induction of systemic Acquired resistance in potato.....p.infestars”	Full Time
Dr. R. B. Subramanian	---	Mr. Pritesh Parmar	Screening and molecular characterization of resistance against Fusarium oxysporam f.sp. lycopersici in tomato	Full Time
	---	Mr. Vishal Oza	Isolation and characterization of L-Asparaginase from plant species of Solanaceae and Fabaceae	Full Time
Dr. A.V. R. L.Narasimhacharya	---	Ms. Rupal A Vasant	An investigation on the alternative remedial measures to ameliorate fluoride toxicity.	Full Time
	---	Mrs. Hetal Movaliya	An investigation on the cellular and molecular mechanisms of reptilian growth and regeneration	Full Time
	---	Mr. Shayam D. Khandedia	Reptilian cell and tissue specific responses in growth and regeneration	Full Time
	---	Mr. Sanjay S. Karn	An investigation on the effects of dietary intervention in fluoride toxicity	Full Time
Prof. (Mrs.) Kiran Kalia	16-4-2010	Dr. Simon R. Parmar	Antihepatotoxic potentials of some Medical plants against CCL4 and Paracetamol induced liver damage	Part time

DEPARTMENT OF CHEMISTRY

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. H.S. Patel	---	Ms. A.M.Naji Abu-Tabikh	Studies on epoxy modified cyclohexanone-formaldehyde (CHF)resins	Full Time
	---	Mr. K.K.Oza	Derivatization of 5-(pyridine-4-yl)-1,3,4-oxadiazole-2(3H)-thione and complexation behaviour of some of its derivatives	Full Time
	---	Mr. D.H.Jani	Complexation behavior of heteronucleating ligands involving pyrazolone and fluoroquinolone moieties	Full Time
	---	Mr. S. J. Patel	Studies on heterocyclization of Salicyhydrazide.	Full Time
	---	Mr. B.K.Patel	Synthesis, characterization and glass reinforcement of acrylated poly(ester-amide)resins.	Full Time
	---	Mr. K. B. Patel	Studies on Derivatization of 4 – amino – 1,2,4 - triazole	Full Time
Dr. D.I. Brahmhbhatt	01/09/2010	Mr. Niraj H. Patel	Synthetic Studies in heterocyclic substituted and heterocyclic fused coumarin derivatives and their antimicrobial activity.	Full Time
Dr. M.N. Patel	16/07/2010	Patel Sanjaykumar Hasmukhbhai	Synthesis, characterization, biological activities and DNA interactions exerted by some drug based coordination compounds	Part Time
Dr. N.J. Parmar	Synopsis submitted on 25/04/	Shashikant B. Teraiya	2011Tetrabutylammoniumhydrogens ulphate mediated domino reaction: synthesis and biological studies of some pyrano-, and chromeno-fused heterocycles	Full time
Dr. M.P. Patel	March 2010	Sandip V. Bhuva	Synthesis and Characterization of new Heterocyclic Compounds and their <i>in vitro</i> Pharmacological Studies.	Full Time
	Dec 2010	Nilesh J. Thumar	Some new derivatives of chromene, pyran, quinoline and thiazole: Their synthesis, characterization and evaluation as antimicrobials	Full Time
	Dec 2010	Ankit M. Patel*	New ionic superabsorbent hydrogels: Synthesis, characterization and evaluation for their potent applications.	Full Time

DEPARTMENT OF MATHEMATICS

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
G.M. Deheri	2010	H.C. Patel	Numerical Modeling of Some Problems Related to Lubrication	Part Time
S.J. Bhatt H.V. Dedania	2010	P.A. Dabhi	Uniqueness Properties in Banach Algebras and Beurling Algebras	Part Time

DEPARTMENT OF PHYSICS

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Prof. A. R. Jani	20/04/2010	Amitkumar J. Patel	Growth, Characterization and High Pressure studies of Tantalum dichalcogenide single crystals	Full Time
Dr. G. K. Solanki	26/8/2010	Dipika B. Patel	Growth and characterization of $\text{GeS}_x\text{Se}_{1-x}$ ($x=0,0.25,0.5,0.75,1.0$) single crystals.	Part Time

DEPARTMENT OF STATISTICS

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Ashok Shanubhogue	23-03-2011	Riyadh Rustam Musen Almusawi(Foreign Student)	Some contributions on estimation following selection	Full Time
P.A.Patel	16-08-2010	Jigna S Patel	Estimation of variance of various estimates of the finite population Mean for the "Midzuno-Sen Sampling Scheme	Full Time

(B) ECONOMICS SCIENCES

Ph.D. Students Guided (Completed) by the Teachers of The Economic Sciences of Postgraduate Departments in 2010-2011

No.	Departments	Ph.D.Guided(Completed)
1.	Business Studies	09
2.	Business Administration (MBA)	04
Total		13

DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. P.K. Rathod	13/08/2010	Mr. Kapil K. Dave	Impact of the new industrial policy on corporate performance: A study of selected FNCG Companies in India.	Part- time

	Thesis submitted	Ms. Hetal K. Machhi	Performance Appraisal of GSRTC.	Part-time
	Thesis submitted	Ms. Swati R. Parab	A critical study of Capital Structure of selected industries in Gujarat.	Part-time
Dr. S. K. Bhatt	Sept. 2010	Ravi Taneja	The commodities trading and its financial effect on Indian economy with reference to Oil and Gas products.	Part-time
	Sept. 2010	Hetal M. Jhaveri	A study of cost benefit analysis of banking Innovations with reference to retail banking.	Part-time
Dr. C. K. Sonara	7/9/2010	Urmish Javeri	Management of Non-Performing Assets (NPA) in Selected Nationalized Banks in Gujarat.	Part-time
	Thesis submitted	C. K. Patel	Performance appraisal of selected Dyes and Pigment industrial units in Gujarat.	Part-time
Dr. P. R. Sheth	March, 2011	Shri Rajesh M. Patel	Role of GIDC for Entrepreneurship Development: A study of selected Chemical Units in Gujarat.	Part-time
Dr. M. K. Patel (Retired as on 01.03.2010)	---	Mr. Chintan N. Pandya	A Comparative study on Human Resource Development strategy and practices of Public and Private sector Units in Gujarat.	Part-time

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Prof. H. J. Jani	2010	Mr. Govind Bhaskerbhai Dave	A Study of Consumer Behaviour Towards Brands Operating in White Goods Industry in Selected Cities of Gujarat State.	Part Time
	2010	Mr. Kerav J. Pandya	Consumer Behaviour In Two-Wheeler Industry: A Case Study Of Motorcycle Users In The State Of Gujarat	Part Time
Prof. R.P. Patel	2010	Mr. Archan D. Mehta	Learning Organization Practices In Indian Organizations With Specific Reference To Gujarat	Part Time

	2011	Mr. Ritesh K. Patel	“Brand Management In Banking Industry With Special Focus On Corporate Branding Of Banks- A Case Study Of Corporate Banks Operation In Gujarat State”	Part Time
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(C) SOCIAL SCIENCES & LANGUAGES

Ph D. Student Guided (Completed) by the Teachers of Social Sciences of Postgraduate Department in 2010-2011

No.	Departments	Ph.D.Guided(Completed)
1.	Sociology	04
2.	Psychology	03
3.	Political Science	01
4.	Hindi	07
5.	Library and Information Science	01
Total		16

DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. J M Trivedi	15 th Dece, 2010	Manoj N. Pandya	“A Sociological Study of Tribal Elites in Baroda District”	Part Time
Dr. R H Makwana	December 2010	Paresh Patel	“Social Change in Dungari Garasiya Tribal Community : A Sociological Study”	Full Time
	February 2011	K. B. Chaudhari	“Social Change in Chaudhari Tribe : A Sociological Study”	Part Time
Dr. I M Macwan	2010	1. Mahesh L. Patel	“ A Sociological Study of Ravalbhil Scheduled Tribe of North Gujarat”	Full Time

DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Prof.L.R. Yagnik	March 2010	Yakshita B Mehta	“Management Of Stress And Cardiac Activity Among Industrial Employees Through Stress Management Technique”	Part Time
Dr Samir J Patel	March 2011	Mr. Ramubha C. Parmar	A comparative study of personality, adjustment and mental health of handicap, abandoned and normal adolescence	---

	Nov. 2010	Arpita S. Tripathi	A study of caregiver's burden and coping strategies among schizophrenia patients	---
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DEPARTMENT OF POLITICAL SCIENCE

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/Part Time
Dr. Baldev Agja	27/04/2010	Mr. Jarun Noyphrom (International Scholar)	"An administrative Study of Teachers competencies under the Regulation of the professional standards of teachers A.D. 2005."	Part Time

DEPARTMENT OF HINDI

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/Part Time
Dr. N.K.Chauhan	07-04-2010	Chandresh Gadhavi	Agyey Ka Upanyas Sahitya : Ek Adhyayan	Part Time
	25-08-2010	Maheshchandra Gupta	Pichhale Dedh Dasak Kee Hindi Gazal : Ek Vishleshnatmak Adhyayan	Part Time
	29-09-2010	Shankar M. Marvadi	Hindi Ke Pramukh Jivani Sahitya : Ek Adhyayan	Part Time
Dr. D.S.Tripathi	12-10-2010	Vipulkumar H. Raval	Harishankar Parsai Ka Vyang Sahitya : Ek Adhyayan	Part Time
	15-02-2011	Sunita Supaiya	Jagdishchandra Ke Upanyason Mein Dalit Chitran Evam Samvedana : Ek Adhyayan	Part Time
Dr. K.J.Tivedi	11-06-2010	Laxmi Bochival	Vaishvikaran-Sadharn Vima-Udyog Mein Rajbhasha Karyanvayan	Part Time
	11-06-2010	Arjun V. Nandaniya	Bhishma Sahni Ke Kathasahitya Ka Adhyayan	Part Time

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of the Teacher	Date of the Award of the Degree	Name of the student	Title of the Thesis	Full Time/Part Time
Prof. U. A. Thaker	28/12/2010	Dr. Nimesh D. Oza	Centralized Model of Institutional Repository: with Special Reference to Universities in Gujarat	Part Time

(2) Ph.D. Students Working Under the Teachers of the Department At Present 2010-2011

(A) BASIC / NATURAL SCIENCES

Ph.D. Students Working Under the Teachers of the Department at Present

No.	Department	Ph. D. Students (Pursuing)
1.	Biosciences	07
2.	Chemistry	08
3.	Computer Sciences	10
4.	Electronics	01
5.	Home Science	01
6.	Mathematics	11
7.	Physics	10
8.	Statistics	01
	Total	49

(B) ECONOMIC SCIENCE

Ph.D. Students Working Under the Teachers of the Department at Present

No.	Department	Ph. D. students (Pursuing)
1.	Business Studies	02
2.	Business Administration (MBA)	14
	Total	16

(C) SOCIAL SCIENCES

Ph.D. Students Working Under the Teachers of the Department at Present

No.	Department	Ph. D. Students (Pursuing)
1.	Sociology	10
2.	History	03
4.	Library and Information Science	04
5.	Political Science	04
	Total	21

(D) LANGUAGES

Ph.D. Students Working Under the Teachers of the Department at Present

No.	Department	Ph. D. Students (Pursuing)
1.	Hindi	04
2.	Gujarati	05
	Total	09

(5) M. PHIL. PROGRAMME

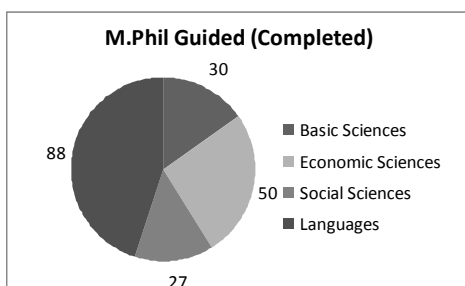
The M.Phil Programme is also run in some of our Departments. We tend to take our one-year MPhil Programme as a pre-Ph.D. Programme, wherein we train our students in the fundamentals of research including research methodology and help him/her in enhancing his/her scholastic level necessary for completing the Ph.D. Programme. In many ways, this helps us cater to the needs of our society because that is a requirement for the post of a lecturer since it has now become a qualifying degree for lectureship in colleges in lieu of NET/GSET. Our M.Phil. Programme, together with projects and dissertations, constitutes for us the link between Teaching and Research with regard to our students.

In accordance with the guidelines issued by the University Grants Commission, New Delhi, the University has introduced the entrance test and students counselling by the departmental research committee for candidates seeking admission to M.Phil.

(1) M. PHIL STUDENTS GUIDED (COMPLETED)

(I) OVERVIEW

M. PHIL STUDENTS GUIDED (COMPLETED) IN THE POSTGRADUATE DEPARTMENTS



No.	Departments	M.Phil Guided (Completed)
1.	Basic Sciences	30
2.	Economic Sciences	50
3.	Social Sciences	27
4.	Languages	88

(II) M. PHIL. PROGRAMME IN THE UNIVERSITY DEPARTMENTS DETAILS

(A) BASIC/NATURAL SCIENCES

M.Phil Students Guided (Completed) By the Teachers of Basic Sciences of Postgraduate Departments In 2010-2011

No.	Department	M. Phil. Guided (Completed)
1.	Computer Science	10
2.	Mathematics	09
3.	Physics	10
4.	Statistics	01
	Total	30

DEPARTMENT OF COMPUTER SCIENCE

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr. D B Choksi	July 2010	Ms. R.D.Bhatt	Load Balancing Daemons for Performance Analysis on Linux Clusters
	July 2010	Ms. P.D.Sindha	Development of Minutiae Based Fingerprint Recognition Algorithms
Dr. P V Virparia	July 2010	Mr. Swapnil D Patel	Development of Different Graphs Using Mobile Technologies For Academic Sector
	July 2010	Ms. Mandakini Lathia	Knowledge Management System In Academics
Dr. P. S. Sajja	July 2010	Dhaval Mehta	Automatic evolution of ideas through evolutionary system
	July 2010	Nisha P Macwan	A neuro fuzzy approach for predictive analysis of employee evaluation
	July 2010	Nilay Vaidya	A hybrid knowledge based system for accessing distributed databases of different forms – A case of intelligent tutoring system
Dr. D M Shah	July 2010	Monika Patel	Image and Watermarking
	July 2010	Shreya Bhavsar	A software for Image Processing & Analysis
	July 2010	Dhaval Patel	iSMS SYSTEM

DEPARTMENT OF MATHEMATICS

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
H.S. Mehta	2010	Sejal Patel	Classification of Continuous and Discontinuous Points
A.H. Hasmani	2010	Shilpa Shah	Analysis of Option Pricing Techniques using Binomial Tree Model and Black-Scholes Model
D.J. Karia	2010	Yogita Parmar	Convolution Banach Algebras
A.B. Patel	2010	Sachin Patel	Generalized Trapezoidal and Simpson's Rules
S.J. Bhatt	2010	Manisha Shah	Applications of Elementary Mathematics to Finance
H.V. Dedania	2010	Meena Mulchandani	*-Semisimplicity in Banach *-algebras
H.V. Dedania	2010	Trupti Shah	Semisimplicity in Banach Algebras
S.J. Bhatt	2010	Nikhil Parmar	Stinespring Representability
A.B. Patel	2011	Mahaveersinh Shekhavat	Operator Matrices

DEPARTMENT OF PHYSICS

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Prof. A. R. Jani	16/06/2010	Diyeshkumar N. Bhavsar	Growth and certain characterizations of zirconium ditelluride single crystals
Prof. K. N. Joshipura	November 2010	Mrs. Jothi Lakshmi	Conceptual foundations in Physics – challenges to students and teachers
	November 2010	Umang R. Patel	Electron collisions with atoms and molecules – theoretical studies with experimental flavour
Prof. U. H. Patel	June 2010	Sanjay M. Tailor	Supramolecular aggregation in Molecular structure of N-(4-Methoxy-phenyl)-Formamide via N-H...O, C-H...O and π - π Interactions
Prof. P C Vinodkumar	October 2010	Ms. Mayuri Y Barot	“Powder metallurgy through centrifugal atomization – A theoretical modeling”
Prof. M. P. Deshpande	29/03/2011	Mr. Sandip . V. Bhatt	Chemical synthesis and characterization of PbS (lead sulphide) nanoparticles and nanocrystalline thin films
	29/03/2011	Miss Nikita .H. Patel	Study on nanoparticles of ZnSe synthesized by chemical method and their characterization”
Dr. G. K. Solanki	23 th June – 2010	Mr. Rahulkumar Bhagabhai Patel	Synthesis of SnSe _{0.5} Te _{0.5} crystals and it's characterization.
Dr. S. H. Chaki	23 rd August 2010	Mahesh D Chaudhuary	Study of tin monosulphide (SnS) nanoparticles and thin films synthesized by chemical route.
	05 th October 2010	Kanchankumar S Mahato	Study of copper monosulphide (CuS) nanoparticles synthesized by wet chemical method.

DEPARTMENT OF STATISTICS

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
J.M.Divecha	6 th October 2010	Tejalben P Prajapati	Review of experimental designs and Application in school

(B) ECONOMICS SCIENCES

M Phil Students Guided (Completed) By the Teachers of Economics Sciences of Postgraduate Departments in 2010-2011

No.	Department	M. Phil. Guided (Completed)
1.	Business Studies	39
2.	Economics	11
	Total	50

DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr. P. K. Rathod	01-07-2010	Anu Verma	A comparative study of the financial performance of Engineering Industry - IDMC & ROLCON
	01-07-2010	Bhavana Dabhi	A comparative study on Profitability Analysis of Elecon Engineering Company Limited and GMM Pfaudler Limited, Vitthal Udyognagar.
	01-07-2010	Dhara Gajjar	A comparative study of financial structure of Elecon Engineering Company Limited and Rolcon Engineering Company Limited, Vitthal Udyognagar.
	01-07-2010	Payal Thaker	A comparative study of Corporate Governance Disclosure Practices of IDBI Bank and ICICI Bank.
	01-07-2010	Payal Kachiya	A comparative study of Mutual Fund Schemes of LIC Mutual Fund and HDFC Mutual Fund.
	01-07-2010	Rajak Vohra	Financial Performance Appraisal of The Vallabh Vidyanagar Commercial Cooperative Bank Limited, Vallabh Vidyanagar and The Anand Mercantile Cooperative Bank Limited, Anand.
	01-07-2010	Yogesh N. Chaudhari	Working Capital Management in Sugar Industry: A comparative study of selected sugar factories located in South Gujarat.
Dr. S. K. Bhatt	01-07-2010	Snehal V. Shah	An Analytical study of the financial performance of Baroda Dairy and Panchamurty Dairy.
	01-07-2010	Kanisha R. Shah	Comparative study of banking services with reference to customer analysis and performance: A study of State Bank of India and Bank of Baroda in Anand.
	01-07-2010	Jaimin H. Trivedi	Commodity market in India. –A case study of MCX in Indian commodity market.
	01-07-2010	Deepa Chandvani	A study of car finance businesses of ICICI bank ltd and BOB, Nadiad.
	01-07-2010	Grishma Patel	Role of plastic Money in India: A case study of State Bank of India, Anand.
	01-07-2010	Ritesh Parmar	Profitability Performance of Fertilizer Industry: A study of selected Fertilizer Units in Gujarat.
Dr. C.K. Sonara	01-07-2010	Bhumika Punjabi	A study of financial performance of the V.V.C.C. Bank Ltd., Vallabh Vidyanagar and the Vaso Co-operative Bank Ltd., Vaso.
	01-07-2010	Dhaval Sharma	A comparative study of the financial performance of the V.V.C.C. Bank Ltd., Vallabh Vidyanagar and D. P. C. Bank Ltd., Dharmaj.

	01-07-2010	Harnish Mahera	Profitability performance of the D. P. C. Bank Ltd., Dharmaj and the V.C. Bank Ltd., Vaso.
	01-07-2010	Hema A. Sindhi	A study of cash management of EIMCO Elecon (India) Limited in Vithal Udyognagar.
	01-07-2010	Pooja K. Shah	An in-depth study of inventory management of Elecon Engineering Co. Ltd. – Gear Division in Vithal Udyognagar.
	01-07-2010	Sharad V. Shaparia	An empirical study of the financial performance of Dudhsagar and Dudhdhara.
Dr. P. R. Sheth	01-07-2010	Ann Paul Aynickal	Employee rewarding & social security practices of selected paint units in Vithal Udyognagar.
	01-07-2010	Kajal B. Chudasama	Human Resource Development: Policies and Practices in selected engineering units.
	01-07-2010	Niki I. Gohel	Performance Appraisal: A comparative study of selected engineering units in Vithal Udyognagar.
	01-07-2010	Sejalbala Bhabhor	A study of employee job satisfaction survey in selected chemical units in Baroda District.
	01-07-2010	Selvi V. Macquin	Quality of work life in selected Insurance Companies in Anand District.
	01-07-2010	Teena G. Vora	Rewarding practices and work environment in selected Commercial banks in Anand District.
	01-07-2010	Hasan Rana	Training and Development practices in selected Training centers in Indian Railway.
	Dr. R. M. Rathod	01-07-2010	Nilam K. Patel
01-07-2010		Bijal Parikh	Organizational Committeemen and Job Satisfaction among the Teachers of Higher Education.
01-07-2010		Kinjal Shah	Multidimensional Role Ambiguity and its impact on Job Stress in Dairy Units.
Submitted thesis but Via-vice not completed		Bhavesh Patel	Employee Health and Safety Practices and its impact in selected Chemical Units.
Dr. Y. M. Dalvadi	01-07-2010	Dharmendra K. Gohil	Profitability Analysis of selected Telecommunication Companies.
	01-07-2010	Dipali N. Sida	Corporate Social Responsibility Practices of selected companies in Gujarat.
	01-07-2010	Manishkumar B. Prajapati	Working Capital Management of selected Apparel Manufacturing Companies.
	01-07-2010	Pratikkumar P. Valand	Financial performance of selected Pharmaceutical Companies.
	01-07-2010	Sarfaraj I. Mansuri	Tax Planning & Practices: A study of Individual Assesses of Anand District.

	---	Sonal R. Chawla	A comparative study of Housing Loan Practices in selected Banks.
Dr. M. K. Patel	---	Draupadi Gidhwani	Performance Appraisal Practices in SEWA and TF.
	---	Ina M. Raval	HRD Practices in Selected Food Manufacturing units in Gujarat.
	---	Manish Parmar	A Comparative Study of Work Satisfaction and Absenteeism in selected Dairy Units.

DEPARTMENT OF ECONOMICS

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr. H. P. Trivedi	30/06/2010	Hemal Padhiyar	Economics of Drinking Water Rates
	30/06/2010	Raju Modhavadia	Economics of Water Purifying Technology
	30/06/2010	Vijay N. Makwana	A Study on Drinking Water Management in Anand taluka
Dr.D.J.Chauhan		Kum. Vandna Pawar	Women Empowerment and SHGs
	30/06/2010	Kum. Kalpana Kapadia	Health Insurance- with special reference to Mediclaim policy
Dr. N.M. Patel	30/06/2010	Megha Joshi	An Economic Analysis of Banana Crop (Special reference to Bhalod)
	30/06/2010	Komal Jani	A Study on Economic Conditions of Agricultural Laborers in Bandhni Village
	30/06/2010	Manish Patel	“ The impact of saline water on agricultural sector in Padra Taluka of Gujarat”
Dr. D. G. Ganvit	19/07/2007	Govind A. Kher	“ A Study of Infrastructural Development in Junagadh District “
	19/07/2007	Hitesh P. Makawana	“ A Study of Housing Schemes in Vadadla Village”

(C)SOCIAL SCIENCES

M Phil Students Guided (Completed) By the Teachers of Social Sciences of Postgraduate Departments in 2010-2012

No.	Department	M. Phil. Guided (Completed)
1.	Sociology	18
2.	Psychology	09
	Total	27

DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr. J M Trivedi	15 th December 2010	Mori Pruthvisinh	“ A Sociological Study of Change in Vilege Community”
		Savadiya Amrita D.	“A Sociological Study of Women Workers in Diamond Industries of Bhavnagar City”
		Desai Nikhil	“A Sociological Study of Slum Dwellers in Ahmedabad City”
		Patel Nikunj	“A Sociological Study of Victims of 2002 Communal Riots”
		Taviya Ghanshyam	“Impact of Globalization on Agriculture”
		Bhavisha Amrawat	“ A Sociological Study of Inmates of Children Home in Nadiad City”
Dr. H N Patel	15 th December 2010	Milan C. Patel	“GramRakshak Dal Na Sabhyo”
		Mitesh J. Patel	“Asha Worker Working in Rural Area”
Mr. P M Parmar	2010-11	Ankita Patel	“Tobeco Workers working in Khali”
		Archna Patel	“A Sociological Study of Factory Workers”
Dr. R H Makwana	March 2011	Bharat Machhi	“Role of Sakhi Mandal in Women Empowerment”
		Vishnu Hadel	“Condition and Problems of Tribble Community: A Sociological Study”
		Sanjay Thakor	“A Sociological Study of Educated Villagers Opinions and Attitude about Gunotsav Programme”
Dr. I M Macwan	2010-11	Parvin Mansuri	“Surrogate Mother – A New Dimension of Society”
		Monica Patel	“ Thelesamiya Diseases – A Sociological Study”
		Bhupendra patel	Women Empowerment by Milk Co-Operative Societies
		Vohra Saleha	Kinnaro (Eunuchs) – A Sociological Study
		Suvera Sanjivani	Women Dual Role Conflict- A Sociological Study

DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Prof.L.R.Yagnik	---	Bhavin H. Tandel	વલસાડ જીલ્લાના સિકલસેલ એનીમિયા દર્દીઓની હતાશા માનસિક સ્વાસ્થ્ય અને સમાયોજનનો અભ્યાસ
		Rajendra M. Parmar	“A comparative study of home management and life satisfaction among working and non working people”

Dr Samir J Patel	---	Amardeepsinh D Rathod	“A study of Adjustment, Aggression and Depression among Surat District Police.”
		Jainita I. Tandel	“A level of frustration & anxiety of working & non- working mothers
Dr. Pankaj Suvera	---	Vilpna R.Kher	“ગ્રામ્ય અને શહેરી વિસ્તાર ના લોકોના દહેજ અંગેના મનોવલણ અને સમાયોજનનો અભ્યાસ
Dr. Sangita N pathak	---	Nisha George	Job satisfaction and life satisfaction among secondary school teaching theory and non-theory subjects.”
		Jagutiben M. Kukadiya	“To Study the mental health, social intelligence and Adjustment among graduate students.”
Dr. S.M Makavana	---	Paresh N. Sarvaiya	નિયંત્રણ કેન્દ્રવક અવેગિક પરિપક્વતા માંનોવિજ્ઞાનીક સમાયોજન: સ્નાતક અને અનુસ્નાતક કક્ષાના કોલેજો ના વિદ્યાર્થીઓનો તુલનાત્મક અભ્યાસ
		Khushbu P. Soni	“To Study the Relationship of Self-Confidence & School Environment among Secondary and Higher Secondary School Students.”

(C) LANGUAGES

M Phil Students Guided (Completed) By the Teachers of Languages of Postgraduate Departments in 2010-2011

No.	Department	M. Phil. Guided (Completed)
1.	Hindi	71
2.	Sanskrit	04
3.	Gujarati	13
Total		88

DEPARTMENT OF HINDI

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr. N.K. Chauhan	---	Hemant K. Patel	Dr. Shesh Krut ‘‘Fandi’’ : Ek Adhyayan
	---	Ashvin M. Solanki	Rajendra Yadav Krut ‘‘Mantra-Viddh’’ Upanyas Ek Adhyayan
	---	Anjana S. Sharma	‘‘Virat ki padmini’’ : Ek adhyayan
	---	Amit G. Parasar	Kamaleshvar ki Kahaniyon mein Samajik Chintan : ek adhyayan
	---	Bhavin V. Patel	‘‘Bhule-Bisare Chitra’’ Upanyash Mein Vyakt Samajik Chetna
	---	Mahesh K. Keraliya	Dharmveer Bharati Ke Kavya Sangrahon Ka Anushilan
	---	Varsha R. Parmar	Dharmveer Bharati Krut ‘‘Gunaho Ka Devata’’ : Ek Adhyayan

	---	Harish Chauhan	“Kahani Tatvon Ke Aadhar Par Mohan Rakesh Ki Kahaniyon Ka Adhyayan
	---	Babubhai R. Dodiya	“Upendranath ‘Ashk’ Ke Upanyas Sahitya Mein Parivarik Chitran” : Ek Adhyayan
	---	Alpesh R. Parmar	Dr. Lal Krut Karfyu : Ek Adhyayan
	---	Ramavatidevi B. Morya	“Chintamani” Bhag – 1 Ke Nibandhon Ka Aalochnatmak Anushilan
	---	Apurva H. Jadav	Bhism Sahani Ka Upanyas ‘Tamas’ Evam Govind Nihlani Ki Film ‘Tamas’ : Ek Adhyayan
Dr. D.S. Tripathi	---	Amitabhen P. Patel	Bhishmsahani Ki Chuni Hui Kahaniyan : Ek Adhyayan
	---	Mukund V. Parmar	Kitane Pakistan : Ek Adhyayan
	---	Harpalsing B. Vaghela	Hindi Aur Elekranik Midiya
	---	Dineshkumar K. Solanki	Pahala Raja Natak : Ek Adhyayan
	---	Jagat A. Vasava	Sidha Sada Rasta : Ek Adhyayan
	---	Hina C. Goshswami	‘Yah Path Bandhu Tha’ Upanyas : Ek Adhyayan
	---	Ghansyam R. Rathur	Chand Chhuta Man : Ek Adhyayan
	---	Bhavishaben T. Parmar	Nisha Nimantran : Ek Adhyayan
	---	Harshadkumar L. Desai	Amarkant Ki Kahaniyen Ka Tatvik Adhyayan
	---	Bhumi A. Nayak	Krishna Saubati Ke Upanys Mein Nari Samasyaen
	---	Prakashbhai B. Barad	Sara Akash : Ek Adhyayan
	---	Himmatsing J. Chauhan	Balchanama : Ek Adhyayan
	Dr. M.M. Sharma	---	Kamaleshkumar V. Desai
---		Jalpa R. Patel	Boond Aur Samudra Main Nari
---		Ranjitsingh G.Padhiyar	Chitralkha Ki Patra Shrushti.....
---		Jenalben V. Patel	Mayapuri Main Nihit Manovaigyanikta.....
---		Kailash V. Bodar	Zameen Apni To Thi Main Dalit Chetna.....
---		Kalpeshkumar D. Patel	Kumbhipak Upanyas Ka Samajshastriya.....
---		Kaushik Y. Patel	Machharlibazar Main Nihit Samasyaen...
---		Keshubhai K. Modhvadiya	Gunahon Ka Devta Ki Patra Shrishti.....
---		Kesurbhai B. Vasava	Varun Ke Bete Main Nihit Samasyaen.....
---		Krishna D. Bhatt	Raji Seth Krut Tatsam Upanyas.....
---		Bipinkumar B. Parmar	Nirmala Aur Valamana.....
---		Dishaben A. Patel	Pahala Padav Main Nihit Samajik.....
Dr. P.S.Bhoi	---	Ravindra L. Gamit	‘Priy Shbanam’ : Ek Adhyayan

	---	Rajesh R. Hatijan	'Nagfani Ka Desh' : Ek Adhyayan
	---	Prince V. Malhotra	'Jini Jini Bini Chadariya' : Ek Adhyayan
	---	Rajesh R. Tathava	Chhotaudaypur Kshetra Ke Aadivasi Lokgeet : Ek Adhyayan
	---	Sangita M. Solanki	Abhimanyu Anata Ke Upanyanso Mein Videshi Parivesh
	---	Geeta M. Thakor	“ 'Nirala' Krut 'Alaka' Upanyas” : Ek Adhyayan
	---	Rakesh D. Vankar	“Aadhe Adhure” Aadhunik Yug-Bodh : Ek Adhyayan
	---	Geeta R. Parmar	Ritimukt Kavyadhara Evam Ghananand
	---	Rakesh V. Bhil	Nachcho Bahut Gopal : Ek Adhyayan
	---	Savita M. Paragi	“Godan” Aadhunik Yugbodh
	---	Ramilabahan J. Patel	“Bhakti Rakh” Ki Pramukh Kahaniyan : Ek Adhyayan
	---	Sangita D. Patel	“Prem-Pachchisi” : Ek Adhyayan
Dr. K.J.Trivedi	---	Girvatsinh A. Chauhan	Yashpal Karut 'Manushya Kc Roop' Upanyas Ke Nari Patra
	---	Janakkumar B. Chaudhary	Prasad Ki Kahaniyon Mein Nari Kevividh Roop
	---	Mahendrasinh N. Sodhaparmar	Uttar Bharat Ke Pramukh Lok Natyon Ka Adhyayan
	---	Maheshkumar A. Khant	'Tamas' Upanyas Mein Samajik Chetna
	---	Masari N. Solanki	Yashpal Ke Upanyas Sahitya Mein Samajik Chetna
	---	Mehulkumar B. Machhi	'Maila Anchal' Mein Nari Samvedna
	---	Minaxiben M. Machhi	Ramdas Mishra Ki Kahaniyon Mein Gramin Samaj
	---	Narendrabhai S. Vankar	Doordarshan Ke Karyakramon Ki Bhasha
	---	Nituben B. Patel	Ramdas Mishra Ke Upanyason Mein Gramin Samaj
	---	Hiteshkumar B. Parmar	'Sandesh' Aur 'Rajsthan Patrika' Ka Tulnatmak Adhyayan
	---	Elisaben S. Christian	Nagarun Ke 'Dukhamochan' Mein Samajik Chetna
Dr. H.M.Parmar	---	Sejal R. Patel	Mannu Bhandari Ki Chuni Hui Kahaniyon Ka Adhyayan
	---	Kaushik J. Parmar	Hariaaudh Krut "Priya Pravas" : Ek Adhyayan
	---	Vaishali K. Parmar	Amrutlal Nagar Krut "Khanjan Nayan" : Ek Adhyayan
	---	Shailesh R. Solanki	Hindi Loksahitya Mein Sanskar Sambandhi Geeto Ka Adhyayan
	---	Arvind V. Katariya	Bhagvati Charan Varma Ke Upanyanso Mein Nirupit Samasyaen
	---	Kajal C. Patel	Yashpal Ki Chuni Hui Kahaniyon Ka Adhyayan
	---	Sharddha Vinod Raval	Bhishm Sahani Krut "Hanush" : Ek Adhyayan

	---	Umishababen G. Parmar	'Sukhata Hua Talab' : Ek Adhyayan
	---	Virendrasinh R. Parmar	"Godan' Upanyas Mein Nirupit Gramin Jivan : Ek Adhyayan
	---	Vishnubhai R. Parmar	Mohan Rakesh Ki Pramukh Kahaniyon Ka Adhyayan
	---	Vrutakumari H. Chauhan	"Gangamaya" : Ek Samikshatmak Anushilan
	---	Safimohammad B. Chavda	Gandhiyugin Hindi Patrakarita Ka Adhyayan

DEPARTMENT OF SANSKRIT

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Prof Ajit Thakor	---	Naresh Vanzara	Bhas rachit Madhayam Vyayog ane Ramchandra rachit Nirbhaybhim Vyayog Ek Adhyayan.
	---	Hetal Gadhavi	Bhasarachit Dutghatotkach and dutvakya-Ek Adhyayan.
Dr.N.P.Patel	---	Divyashath Shukla	Viyakaran Siddhanta kaymudinabe Tekao Tatva bodhin:ane Balamanozama Ne Saugha Prakarna sandharbhma tulnamak Adhyayan.
	---	Hitesh Patel	Kavishri vasudev Pranit Rasabhodha ek Adhayayn.

DEPARTMENT OF GUJARATI

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Prof. B. R. Brahmbhatt	Sep. 2011	Arvind Valand	Gramchetana in Mohan Parmar's Short Stories
	Oct. 2011	Rajnikant Bhoi	Problems related to woman in Himanshi Shelat's Short Stories
	2011	Varish Bhatta	Nath Sampradaya
Prof. P. D. Pandya	Oct.2011	Chetan Jadav	Ramesh Parekhni Kavyabhashaman...
	Aug.2011	Geeta Vaghela	Nibandhman Aatmalakshita
	Aug.2011	Ila Chaudhari	Chaudhari Boli : Ek Abhyas
	Oct.2011	Smita Patel	Kanasarini Katha
	Oct.2011	Manisha Chavda	Gyjarati na Visheshan
	Dec.2010	Trupti Maheria	Suresh Joshini Narivadi Navalikao
Prof. Param Pathak	July 2010	Avinash Nayaka	A Study of Tribal Folklore Published in 'Dhol' Magazine ('Dhol'nSamikma Prakashit Aadivasi Lokvidya)
	July 2010	Malvika Valand	Contribution of 'Virido' Magazine in Gujarati Folk Literature ('Virido' Samaiknu Gujarati Loksahityama Pradan)

	Aug. 2010	Mehul Patel	Study of Problems of Education as depicted in selected Gujarati Novels (Gujaratima Shikshan Vishayak Navalkathao)
	Aug. 2010	13. Pinal Sondagar	Study of three 'Sudama Charita' in light of Vakrokti Siddhanta of Indian Poetics (Tran Sudama Charitrani Vakrokti Siddhantani Drastie Tapas)
	Aug. 2010	14. Suresh Parmar	Study of depiction of Shree Krishna in Gujarati Folk Songs (Gujarati Lok Geetoma Shree Krishna Ek Adhyayan)
	Aug. 2010	15. Sanmukh Vasava	The Survey of Articles of Gujarati Literary Criticism published in 'Buddhiprakash' during 2001-2008 ('Buddhiprakash'na 2001thi 2008na ankoma pragat thayela Sahitya Vivechanna lekho : Sarvekshan

(2) M. PHIL. STUDENTS PURSUING IN DEPARTMENTS

(A) BASIC/NATURAL SCIENCES

M.Phil. Students Working under the Teachers of the Department at Present

No.	Department	M.Phil. Student (Pursuing)
1.	Mathematics	08
2.	Physics	09
	Total	17

(B) ECONOMIC SCIENCES

M.Phil. Students Working under the Teachers of the Department at Present

No.	Department	M.Phil. Student (Pursuing)
1.	Economics	09
	Total	09

(C) SOCIAL SCIENCES

M.Phil. Students Working under the Teachers of the Department at Present

No.	Department	M.Phil. Student (Pursuing)
1.	Sociology	16
2.	Psychology	07
3.	Library and Information Science	15
	Total	38

(D) LANGUAGES

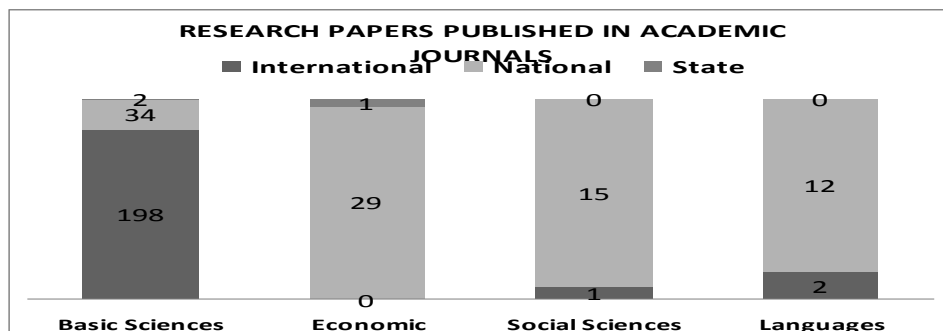
M.Phil. Students Working under the Teachers of the Department at Present

No.	Department	M.Phil. Student (Pursuing)
1.	Hindi	09
2.	Gujarati	09
	Total	18

3.2 PUBLICATIONS

(1) RESEARCH PAPERS PUBLISHED IN ACADEMIC JOURNALS

(I) AN OVERVIEW



Publication of Research Papers in International/National/State Level Journals by the Teachers of Postgraduate Departments in 2010-2011

No.	Departments	International	National	State
1.	Basic Sciences	198	34	02
2.	Economic Sciences	---	29	01
3.	Social Sciences	01	15	---
4.	Languages	02	12	----

(II) PUBLICATIONS OF RESEARCH PAPERS FROM THE UNIVERSITY DEPARTMENTS.

(A) BASIC / NATURAL SCIENCES

Research Papers Published by the Teachers of Basic Sciences of Postgraduate Departments in International/National/State – Level Journals in 2010-2011

No.	Departments	International	National	State
1.	Biosciences	46	12	02
2.	Chemistry	64	01	---
3.	Computer Science	18	05	---
4.	Electronics	02	---	---
5.	Mathematics	14	---	---
6.	Physics	49	14	---
7.	Statistics	04	---	---
8.	Home Science	01	02	---
	Total	198	34	02

DEPARTMENT OF BIO-SCIENCES

Author(s)	Title	Journal	International National/ Regional/ Local	Vol. No. and Issue No.	P.P	Month & Year
Ahmed E. H., Raghavendra T and Madamwar D	A thermostable alkaline lipase from a local isolate <i>Bacillus subtilis</i> EH 37: Characterization, partial purification and application in	Applied Biochemistry Biotechnology	International, USA	160 (7)	2120- 2113	2010

	organic synthesis					
Desai C., Pathak H and Madamwar D.	Advances in molecular and “-omics” technologies to gauge microbial communities and bioremediation at xenobiotic/anthropogen contaminated sites	Bioresource Technology	International, USA	101	1558-1569	2010
Ahmed E. H., Raghavendra T and Madamwar D.	An alkaline lipase from organic solvent tolerant <i>Acinetobacter</i> sp. EH28: Application for ethyl caprylate synthesis.	Bioresource Technology	International, USA	101	3628-3624	2010
Srivastava D., Madamwar D and Subramanian R. B.	Pentavalent Arsenate Reductase Activity in Cytosolic Fractions of <i>Pseudomonas</i> sp., Isolated from Arsenic-Contaminated Sites of Tezpur, Assam	Applied Biochemistry Biotechnology	International, USA	162(3)	766-799	2010
Raghavendra T., Sayania D and Madamwar D.	Synthesis of the ‘green apple ester’ ethyl valerate in organic solvents by <i>Candida rugosa</i> lipase immobilized in MBGs in organic solvents: Effects of immobilization and reaction parameters.	Journal of Molecular Catalysis B: Enzymatic	International, USA	63	31-38	2010
Visavadiya N. P., Soni B., Dalwadi N. and Madamwar D.	<i>Chlorophytum borivilanum</i> as potential terminator of free radicals in various in vitro oxidation systems.	Drug and Chemical Toxicology	International, UK	33 (1)	173-182	2010
Chapla D. G., Divecha J., Madamwar D. and Shah A. R	Utilization of agro-industrial waste for xylanase production by <i>Aspergillus foetidus</i> MTCC 4898 under solid state fermentation and its application in saccharification	Biochemical Engineering Journal	International, UK	49(3)	361-369	2010
Acharya B., Mohana S., Jog R., Divecha J and Madamwar D	Utilization of anaerobically treated distillery spent wash for production of cellulases solid-state fermentation	Journal of Environmental Management	International, USA	91	2019-2027	2010
Soni B. R., Hasan Md. I.,	Structure of the novel 14 kDa fragment of	Journal of Structural	International, USA	171(3)	247-255	2010

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Dave R. and Madamwar D	Preparation for the use of <i>Candida rugosa</i> lipase in non-conventional solvents	Biocatalysis and Biotransformation	International, UK	28(3)	157-166	2010
Srivastava D., Subramanian R. B., Madamwar D. and Flora S. J. S	Protective effects of selenium, calcium and magnesium against arsenic – induced oxidative stress in male rats	Archives of Industrials Hygiene and Toxicology	International, Croatia	60(1)	153-159	2010
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Chapla D., Patel H., Singh A., Madamwar D and Shah A	Production, purification and properties of a cellulose-free thermostable endoxylanase from newly isolated <i>Panibacillus</i> sp. ASCD2	Annals of Microbiology	International, Italy	In Press		2011
Parmar A., Singh N. K., Pandey A., Gnansounou E. and Madamwar D	Cyanobacteria and microalgae: A positive prospect for biofuels	Bioresource Technology	International, USA	In Press		2011
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S. S. Bhatt, S. G. Chovatiya, A. R. Shah and J. V. Katakia	Effects of enzyme supplementation in practical diet for rohu (<i>Labeo rohita</i>) fingerlings	PRAJNA	National	18	9-12	2010
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Nishant P.	Ameliorative effects	Oxidative	International	doi:		June

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Rupal A. Vasant, Doli M. Savalia, A. V. R. L. Narasimhacharya	Plant extracts as biotermiticides	Electronic Journal of Environmental Sciences	National	4	73-77	May 2011
Rupal A. Vasant, A. V. R. L. Narasimhacharya	A multigrain protein enriched diet mitigates fluoride toxicity.	Journal of Food Science and Technology	International	doi: 10.1007/S13197-011-0367-3		April 2011
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Pritesh Parmar, Vishal P. Oza, Vaishnavi Chauhan, A D Patel, K B Kathiria and R B Subramanian.	Genetic diversity and DNA fingerprint study of tomato discerned by SSR markers	International Journal of Biotechnology and Biochemistry	International	6 (5)	657-666	2010
Vishal P. Oza, Pritesh P. Parmar, Darshan H. Patel and R B Subramanian	Cloning, expression and characterization of L-asparaginase from <i>Withania somnifera</i> L. for large scale production	3 Biotech	International	1	21-26	2011
Pritesh Parmar, Vishal P. Oza, A D Patel, K B Kathiria and R B Subramanian	Development of a rapid and reliable bioassay to discriminate between susceptible and resistant cultivars of tomato against <i>Fusarium</i> wilt	International Journal of BioSciences, Agriculture and Technology	International	3(2)	6-11	2011
Suchita J. Patel, Yachana S. Jha and Dr. R. B. Subramanian	Biochemical and molecular studies of early blight disease in tomato	Phytoparasitica	International	39	269-283	2011
Jay B. Pandya and T. V. Ramana Rao	Analysis ofseed development	Prajna- Journal of Pure and Applied Sciences	Regional	18	34-39	Dec, 2010

Nirupama P., neeta B. Gol and T. V. Ramana Rao	Effect of postharvestduring storage	American- Eurasian Journal of Agricultural and Environmental Sciences	International	9 (5)	470- 479	2010
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Neeta B. Gol and T. V. Ramana Rao	Banana fruit ripening....edible coatings	International Journal of Fruit Science	International	11 (2)	119- 135	2011
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Vinay R. Patel, Rekha B. Rohit, Pramod Sivan, Sushil Kajal and K. S. Rao	Development of vascular cambium in the leaf rachis of <i>kigelia africana (lam.) benth.</i>	PRAJÑĀ - Journal of Pure and Applied Sciences	National	18	40- 43	2010
Pramod, S., Vinoth Thomas and K. S. Rao and R. Krishnakumar.	Definitive callose deposition in the tapping panel dryness affected bark of <i>Hevea brasiliensis.</i>	Journal of sustainable forestry	National	30	329- 342	2011
Pramod, S., Vinoth Thomas and K. S. Rao.	Structural and dimensional changes in the cambium of tapping panel dryness affected trees of <i>Hevea brasiliensis.</i>	Phyton Annales Rei Botanicae	International	51 (2)	In press	2011
Preeti Mishra, Pramod. S and K. S. Rao	Role of Exogenous Growth Regulators on Secondary Vascular Tissue Differentiation in the twigs of <i>Kigelia africana</i>	Annals Botanica Fencii	International	. 48	In press	2011
S. Prashant,	Down-regulation of	Plant Cell	International	Online.	----	2011

Sunitha, M. S., Pramod, S., Rao, K. S., Rawal, S. K., and Kavi Kishor, P. B.	Leucaena leucocephala cinnamoyl CoA reductase (LICCR) gene induces significant changes in phenotype, soluble phenolic pools and lignin in transgenic tobacco.	Reports.		DOI 10.1007/s00299-011-1127-6		
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Deval Patel, Rachana Bhatt, Hiral Patel, Kamlesh Patel and Ujval trivedi	Hydroxyethylmethacrylate -graft-carboxymethyl-chitosan-graft-PHA: synthesis, characterization and biodegradation	PRAJNA- Journal of pure and applied sciences	Local	18	44-49	Dec 2010
Sushma Deepthi aril, U.B.Trivedi and K.C.Patel	Curdlan like exopolysaccharide production by Cellulomonas flavigena UNP3 during growth on hydrocarbon substrate.	World Journal of Microbiology and Biotechnology	International	27	1415-1422	2011
Deval Patel, Rachana Bhatt, Hiral Patel, Kamlesh Patel and Ujval trivedi	Hydroxyethylmethacrylate -graft-carboxymethyl-chitosan-graft-PHA: synthesis, characterization and biodegradation	PRAJNA- Journal of pure and applied sciences	Local	18	44-49	Dec 2010
Sushma Deepthi aril, U.B.Trivedi and K.C.Patel	Curdlan like exopolysaccharide production by Cellulomonas flavigena UNP3 during growth on hydrocarbon substrate.	World Journal of Microbiology and Biotechnology	International	27	1415-1422	2011
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Patel HV, Kalia K	Sub-chronic arsenic exposure induces oxidative stress in skeletal muscle and epididymal fat pad: possible role in development of arsenic induced diabetes mellitus	Journal of Cell and Tissue Research	National	10(3): 2397- 2403	---	Dec. 2010
Macwan CH, Patel HV, Kalia K	A comparative evaluation of in vitro antioxidant properties of bamboo Bambusa Arundinacea leaves extracts	Journal of Cell and Tissue Research	National	10(3):24 13-2418	---	Dec. 2010
Sood PP, Chiragini HM, Kalia K	Antioxidative effect of bamboo leaves extract and DL- α -lipoic acid alone or as combined therapy on lead induced nephritic and neuronal oxidative impairment	Journal of Cell and Tissue Research	National	11(1):24 71-2478	---	March, 2011

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Author(s)	Title	Journal	International National/ Regional/ Local	Vol. No. and Issue No.	P.P	Month & Year
Hasmukh S. Patel and Bhavdeep K. Patel	Interacting Blends of Acrylated Poly(Ester-Amide) Resins Iwith Methyl Methacrylate Monomer Part 2;	Journal of Reinforced Plastics and Composites,	International	29(9)	1359- 1365	2010
Hasmukh S. Patel, Bhavdeep K. Patel, Ketan B. Patel, Shashank N. Desai	Surface Coating Studies of Alkyd-Castor Oil-Epoxy Resin Condensate-Ketone resin Blends;	Int. J. Polym. Mater.(USA)	International	59 (1)	25-32	2010
Hasmukh S. Patel, Bhavdeep K. Patel	Interacting Blends of Novel Acrylated Poly(Ester-Amide)s Based on Epoxy Resin of Bisphenol-F with Methyl Methacrylate Monomer;	Int. J. Polym. Mater.(USA)	International	59 (2)	109- 117	2010
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Bhavdeep K. Patel	Glass/Carbon Reinforcement of Acetone-Formaldehyde-1,5-Dihydroxynaphthalene-Epoxy Resin System;					
Hasmukh S. Patel, Bhavdeep K. Patel, Manish M. Morekar	Glass Reinforcement of Various Epoxy Resins (Dimethylolurea-Phenol Resin) Systems;	Int. J. Polym. Mater.(USA)	International	59 (4)	231-240	2010
Bhavdeep K. Patel, Hasmukh S. Patel	Interacting Blends of Flame-Retardant Acrylated Poly (Ester-Amide) Resins Based on Brominated Epoxy Resin with Methyl Methacrylate and Styrene;	Polymer Plastics Technology and Engineering	International	49 (3)	244-249	2010
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H.S. Patel, C. K. Modi, D. H. Jani	Novel drug-based Fe(III) heterochelates: synthetic, spectroscopic, thermal and in-vitro antibacterial significance	Applied organometallic chemistry	International	4	99-107	2010
H.S. Patel, C. K. Modi, D.H. Jani, H. M. Pandya	Novel Fe (III) heterochelates: Synthesis, structural features and fluorescence studies,,	Spectrochimica acta,	International	75	1321	2010
Hasmukh S. Patel, Bhupendra P. Patel, Divyesh B. Patel	Synthesis, Characterization and Material Application of Poly(esteroxysilane-imide)s Having Epoxy Residues”	Polymer-Plastics Technology and Engineering	International	49	394–399	2010
H.S.Patel and	Synthesis and	Phosphorous,	International	185	1632-	2010

S.J.Patel	biological activity of 2-hydroxy-N-(5-methylene-4-oxo-2-aryl-thiazolidin-3-yl)benzamide.	sulphur, silicon and related elements,			1639	
H. S. Patel and K. K. Oza	Antimicrobial activity of novel 3 substituted-5-(pyridine-4-yl) 3H -1, 3, 4, - Oxadiazole-2-Thione derivatives.	Bulgarian chemical Communications	International	42(2)	103-106	2010
H. S. Patel, B. K. Patel, K. B. Patel and S. N. Desai.	Surface Coating Studies of Alkyd-Castor Oil-Epoxy Resin Condensate-Ketone Resin Blends.	Inter. J. of Polym. Mate.,	International	59(1)	25-32	2010
H. S. patel and D. J. Patel	Coordination polymers of indole based bis ligand:thermal, spectral and antimicrobial aspects.	Synt. React. Inorg. Met. Org. Chem. (USA)	International	41	1-9	2011
D. J. Patel and H. S. patel	Polymeric Coordination Compounds Derived from Transition Metal (II) with Bis-dentate ligand: Synthesis, Spectroscopic, Magnetic and thermal Approach	Int. J. Polym. Mater. (USA), (accepted)	International	---	---	2011
Khyati D. Patel and Hasmukh S. Patel	Studies of the Coordination Polymers Based on Divalent Transition Metal Ion with Bis ligands	Der Pharmacia Lettre,	International	3(1)	356-363	2011
Khyati D. Patel and Hasmukh S. Patel	Synthesis, characterization and in-vitro antimicrobial activities of coordination polymer based on bis-bidentate ligand.	Int. J. Polym. Mater. (USA)	International	60(8)	518-528	2011
P. N. Patel, D. J. Patel and H. S. Patel	Synthesis, spectroscopic, thermal and biological aspects of drug-based copper(II) complexes	Appl. Organometal. Chem.	International	25	454-463	2011
K. K. Oza, P. N. Patel, and H. S. Patel	Synthesis of some novel divalent transition metal	Chinese Chemical Letters	International	22	935-938	2011

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P. N. Patel, K. D. Patel, and H. S. Patel	Synthesis and biological study of novel 5-{(4-(6,7-dihydrothieno-[3,2-c]pyridin-5(4H)-ylsulfonyl)phenyl amino)-methyl}quinolin-8-ol and its metal complexes	Chinese Chemical Letters (accepted)	International	---	---	2011
P. N. Patel and H. S. Patel	Studies on post reaction products of novel spiro indoline-thiazolidine derivatives.	Der Pharmacia Lettre	International	3(1)	307-318	2011
V. P. Modi, P. N. Patel and H. S. Patel	Synthesis, spectral investigation and biological evaluation of novel non-cytotoxic tetrahydrothieno[3, 2-c]pyridine hydrazide derivatives	Der Pharmacia Lettre (accepted)	International	---	---	2011
D. I. Brahmbhatt, Ankit R. Kaneria, Anil K Patel and Niraj H Patel	Synthesis and antimicrobial screening of some 3-[4-(3-aryl-1-phenyl-1H-pyrazol-4-yl)-6-aryl-pyridin-2-yl] and 4-methyl-3-phenyl-6-[4-(3-aryl-1-phenyl-1H-pyrazol-4-yl)-6-aryl-pyridin-2-yl] coumarins.	Indian journal of Chemistry	International	49(B), 7	971-977	2010
Niraj H Patel, Anil K Patel, Chirag V Patel, Apoorva A Patel and Dinker I Brahmbhatt*	Synthesis and some 3-(1-aryl-9,10-dihydro-4-azaphenanthren-3-yl)coumarins	Arkivoc	International	Issue ii,	283-291	2010
Dinker I Brahmbhatt*, Niraj H Patel, Anil K Patel, Mehul A Patel and Varun G Patel	Synthesis and antimicrobial activity of some 7-aryl-5,6-dihydro-14aza[1] benzopyrano[3,4-b]phenanthren-8H-ones	Journal of Heterocyclic Chemistry	International	48	840	2011
Anil K Patel, Niraj H Patel, Mehul A Patel and Dinker I Brahmbhatt*	Synthesis, characterization and antimicrobial activity of some 4-aryl-2,6-di (coumarin-3-	Arkivoc	International	Issue xi	28-38	2010

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Anil K. Patel, Niraj H. Patel, Mehul A. Patel and Dinkar I. Brahmabhatt*	Synthesis of some newer 3-(4-aryl-benzofuro[3,2-b]pyridin-2-yl)coumarin derivatives and their antimicrobial screening.	Journal of Heterocyclic Chemistry	International	Accepted	---	---
Nadhibatla V Sastry, Mitesh C Patel, Rakesh R Thakor and Saurabh S Soni,	Excess Molar Volumes, Excess Isentropic Compressibilities and Relative Permittivities for the Ternary Mixtures of Esters + Glycol + Organic Solvents at different temperatures	Journal of Molecular Liquids	International	157	25 – 33	2010
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Nilesh M Vaghela, Nandhibatla V Sastry and Vinod K Aswal,	Effect of Additives on the Surface Active and Morphological Features of 1-Octyl-3 Methylimidazolium Halide Aggregates in Aqueous Media	Colloids and Surfaces A: Physicochemical and Engineering Aspects,	International	373	101 – 109	2011
Nandhibatla V Sastry, Sunil R Patel, and Saurabh S Soni,	Densities, Speeds of Sound, Excess Molar Volumes, and Excess Isentropic compressibilities at T = (298.15 and 308.15) K for Methyl Methacrylate + 1 – Alkanols (1-Butanol, 1-Pentanol, 1-Heptanol)) + Cyclohexane, + Benzene, + Toluene, + <i>p</i> -Xylene, and Ethylbenzene	J. Chem. Eng. Data	International	56	142 – 152	2011
Nandhibatla V Sastry*, Pinakin H Valand and	Densities, Partial Molar Volumes at Infinite Dilution, Side Chain Partial Molar	J. Chem. Eng. Data	International	56	627 – 637	2011

Pradip M Macwan	Volumes and Transfer Volumes of Dipeptides in Sucrose and 2,3- Butanediol Aqueous Solutions at $T = (283.15 \text{ to } 333.15) \text{ K}$					
S. S. Soni, S. H. Punjabi, N. V. Sastry	Effect of Electrolyte Additives on Micellization and Clouding Behavior of Silicone Surfactant in Aqueous Solutions	Colloids and Surfaces A: Physicochemical and Engineering Aspects	International	377	205 – 211	(2011)
A. D. Thummar, N. V. Sastry, G. Verma, P. A. Hassan	Aqueous Block Copolymer - Surfactant Mixtures - Surface Tension, DLS and Viscosity Measurements and Their Utility in Solubilization of Hydrophobic Drug and Its Controlled Release, , ,	Colloids and Surfaces A: <i>Physicochemical and Engineering Aspects</i>	International	386	54 – 64	2011
Sanjay H Punjabi, Nandhibatla V. Sastry, Vinod K Aswal and Prem S. Goyal,	Effect of Surfactants on Association Characteristics of Diblock and Triblock Copolymers of Ethylene Oxide and Butylene Oxide in Aqueous Solutions: Dilute Solution Phase Diagrams, SANS and Viscosity Measurements at Different Temperatures,	International Journal of Polymer Science	International	2011	1-13	2011
M. N. Patel, S. H. Patel, M. R. Chhasatia, C. R. Desai.	DNA Interactions and Promotion in Antibacterial Activities of Ciprofloxacin Drug Due to Formation of Mixed-Ligand Complexes of Oxovanadium(IV).	Nucleosides, Nucleotides and Nucleic Acids	International	29	200 – 215	2010
Mohan N. Patel, Pradhuman A. Parmar, Deepen S. Gandhi.	Third generation fluoroquinolones antibacterial drug based mixed-ligand Cu(II) complexes: structure, antibacterial activity, superoxide dismutase activity and DNA–	Journal of Enzyme Inhibition and Medicinal Chemistry	International	26 (2)	188-197	2011

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Mohan N. Patel, Pradhuman A. Parmar, Deepen S. Gandhi, Vasudev R.Thakkar.	Ternary copper(II) complexes of levofloxacin and phenanthroline derivatives: In-vitro antibacterial, DNA interactions, and SOD-like activity.	Journal of Enzyme Inhibition and Medicinal Chemistry	International	26 (3)	359-366	2011
Mohan N. Patel, Promise A. Dosi, Bhupesh S. Bhatt	Antibacterial, DNA interaction and superoxide dismutase activity of drug based copper(II) coordination compounds.	Polyhedron	International	29	3238–3245	2010
Mohan N. Patel, Pradhuman A. Parmar, Deepen S. Gandhi, Vasudev R. Thakkar.	Antimicrobial and nuclease activity of mixed polypyridyl ruthenium(II) complexes.	Inorganic Chemistry Communications	International	13	1480–1484	2010
Mohan N. Patel, Deepen S. Gandhi, Pradhuman A. Parmar	Synthesis, biological aspects and SOD mimic activity of square pyramidal copper(II) complexes with the 3rd generation quinolone drug sparfloxacin and phenanthroline derivatives.	Inorganic Chemistry Communications	International	14	128–132	2011
Mohan N. Patel, Sanjay H. Patel, Pramod B. Pansuriya	DNA binding and cleavage by dinuclear nickel(II) complexes with neutral bidentate ligands and ciprofloxacin.	Medicinal Chemistry Research	International	20 (8)	1371-1384	2010
Mohan N. Patel, Promise A. Dosi, Bhupesh S. Bhatt, Vasudev R. Thakkar	Synthesis, characterization, antibacterial activity, SOD mimic and interaction with DNA of drug based copper(II) complexes.	Spectrochimica Acta Part- A	International	78	763–770	2011
Mohan N.	Synthesis,	Applied	International	25 (5)	348	2011

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Mohan Patel, Deepen S. Gandhi, Pradhuman A. Parmar	Antibacterial, nuclease and SOD mimics behaviour of Copper(II) complexes of norfloxacin and phenanthrolines.	Journal of Coordination Chemistry	International	64	1276- 1288	2011
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N.J. Parmar, S. B. Teraiya, R.A. Patel, N. P. Talpada	Tetrabutylammonium hydrogen sulfate mediated domino reaction: synthesis of novel benzopyran- annulated pyrano[2,3- c]pyrazoles,	Tetrahedron Letters	International IF.2.66 (0095-8972)	52	2853- 2856	June, 2011
N.J. Parmar, H.A. Barad, B.R. Pansuriya, R.A .Patel	Chelation and extraction of copper(II) with 5- pyrazolone-based Schiff bases,	J. Coord. Chem.	International IF.1.932 (00951.-8972)	64(4):	688- 698	Feb, 2011
N.J. Parmar, S.B. Teraiya, R.A. Patel	Studies on Oxovanadium(IV), Cr(III), Co(II), Ni(II) and Cu(II) chelates of some biketimino ligands	J. Coord. Chem.	International IF.1.932 (0095-8972)	63(18):	3279- 3290	Sept, 2010
M. G. Patel H. J. Patel A. K. Patel K. H. Patel R. M. Patel	Acrylic Copolymers Based On Coumarin Derivatives: Synthesis And Characterization.	Malasian Polymer Journal	International	6	70-86	2011
A. B. Dholakia. K. H. Patel H. C. Trivedi	Photo-induced graft copolymerization of acrylonitrile ontosodium salt of partially carboxymethylated psyllium.	Der Chemica Sinica	International	2(3)	106- 116	2011
N. V. Sastry, M. C. Patel, R. R. Thakor, S.	Excess molar volumes, excess isentropic	Journal of Molecular Liquid	International	157	25 – 33	2010

S. Soni	compressibilities and relative permittivity deviations for the ternary mixtures of esters + glycols + organic solvents at different temperatures					
N. V. Sastry, S. R. Patel, S. S. Soni	Densities, Speed of Sound, Excess Molar Volumes, and Excess Isentropic Compressibilities at T + (298.15 and 308.15) K for methyl methacrylate + 1-alkanols (1-butanol, 1-pentanol, and 1-heptanol) + cyclohexane, + Benzene, + Toluene, + p-xylene, and + ethyl acetate	Journal of Chemical Engineering Data	International	56	142 - 152	2011
S. S. Soni, S. H. Panjabi, N. V. Sastry	Effect of non-electrolyte additives on micellization and clouding behavior of silicone surfactant in aqueous solutions	Colloids and Surfaces A : Physicochem. Eng. Aspects,	International	377	205 - 211	2011
K. R. Surati	“Synthesis, spectroscopy and biological investigations of manganese (III) Schiff base complexes derived from heterocyclic β -diketone with various primary amine and 2,2'-bipyridyl”	Spectrochimica Acta Part A	International	79	272–277	2011
K. R. Surati, R.N.Jadeja, Komal Vyash, V. K. Gupta	“Synthesis, characterization and crystal structure of some bidentate heterocyclic Schiff base ligands of 4-toluoyl pyrazolones and its mononuclear Cu(II) complexes”	Journal of Molecular structure	International	990	110–120	2011
Chetan B. Sangani, Diveyesh C Mungra, Manish P. Patel,	Synthesis and antimicrobial screening of pyrano[3,2-c]chromene derivatives of 1H-pyrazoles, 635-	Cent. Eur. J. Chem	International	9(4)	635-647	2011

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Nilesh J. Tumar, Manish P. Patel	Synthesis, characterization, and antimicrobial evaluation of carbostyryl derivatives of 1H-pyrazole	<i>Saudi Pharmaceutical Journal</i>	International	19	75-83	2011
Nilesh J. Tumar, Manish P. Patel	Synthesis and antimicrobial activity of some new N-substituted quinoline derivatives of 1H-Pyrazole,	<i>Arch, Pharm. Chem. Life Sci.</i>	International	2	91-101	2011
Ankit M. Patel, Ranjan G. Patel, Manish P. Patel	Nickel and copper removal study from aqueous solution using new cationic poly [acrylamide/ N,N-DAMB/ N,N - DAPB] super absorbent hydrogel,	<i>Journal of Applied Polymer Science</i>	International	119 (4)	2485-2493	2011
Divyesh C. Mungra, Manish P. Patel, Ranjan G. Patel	Microwave-assisted synthesis of some new tetra zolo[1,5- <i>a</i>]quinoline based benzimidazoles catalyzed by <i>p</i> -TsOH and investigation of their antimicrobial activity	<i>Medicinal Chemistry Research</i>	International	20(6),	782-789	2011
Jay P. Nirmal, Pratish V. Dadhaniya, Manish P. Patel, Ranjan G. Patel	A facile four component one-pot synthesis of polyhydroquinoline derivatives catalyzed by ionic liquid via modified Hantzsch reaction,	<i>Indian Journal of Chemistry, Section-B</i>	National	48B,	587-592	2010
Niraj K. Ladani, Manish P. Patel, Ranjan G. Patel	A convenient one-pot synthesis of some new 3-(2-phenyl-6-(2-thienyl)-4-pyridyl) hydroquinolin-2-ones under microwave irradiation and their antimicrobial activities,	<i>Phosphorus, Sulfur, and Silicon and the Related Elements</i>	International	185(3),	658-662	2010

DEPARTMENT OF COMPUTER SCIENCE

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. and Issue No.	P.P.	Month & Year
Dr. D.B.Choksi, Mr. N.A.Joshi	Checkpointing Process Virtual Memory Area on Linux Platform	International Journal of Computer Applications in Engineering, Technology and Sciences	International	Volume 2, Issue 2	pp 42	2010
Dr. D.B.Choksi, Mr. N.A.Joshi	Checkpointing Process VMA for Process Migration	Journal of Emerging Trends in Computing and Information Sciences, http://cisjournal.org	National	Volume 2, Special Issue,	pp 7- 10	February 2010
Virparia P V & Shailesh Iyer	Financial Trend Prediction Modeling using News Articles	International Journal of Information and Computing Technology	International	Volume 1, Issue 1	19-26	July 2010
Virparia P V, Priya Swaminarayan , V R Rathod, Nehal Daulatjada	Development of Ontologies and their Collaboration Using Protégé	International Journal of Information and Computing Technology	International	Volume 1, Issue 1	84-90	July 2010
Virparia P V, Priya Swaminaraya V R Rathod, Nehal Daulatjada	Using XML Schema for platform-neutral structure transfer	National Journal of system and Information Technology	National	Volume 3 Issue 2	---	2010
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Dr. P S Sajja and Mankad KB	“An intelligent decision support using genetic fuzzy integration for capability analysis”	Journal of Global Research in Computer Science	International	vol.2, no.7	pp.83- 87	February 2011
Dr. P S Sajja and Swaminarayan PR, Patel SV,	“Evaluation of ontology development tools and implementation	International Journal of Information and	International	vol.1, no.2	pp.8- 13	January 2011

and Rathod VR	of university ontology using protégé”	Computing Technology				
Dr. P S Sajja	"Feature-based opinion mining"	International Journal of Data Mining and Emerging Technologies	International	vol.1, no.1	pp.8-13	January 2011
Dr. P S Sajja and Dahiya VR	“An image processing system for finding vision defects”	International Journal of Computational Intelligence Research	International	vol.7, no.2	pp.135-142	March 2011
Dr. P S Sajja and Dahiya VR	“Role of threshold value and CSF to simplify and render an image”	International Journal of Computer Applications	International	Special issue	pp.44-49	March 2011
Dr. P S Sajja and Mankad KB and Akerkar RA	With : “Evolving rules using genetic fuzzy approach - An educational case study”	International Journal on Soft Computing	International	vol.2, no.1	pp.35-46	February 2011
Dr. P S Sajja and Trivedi JA	"Online guidance for effective investment using type-2 fuzzy neuro advisory system"	International Journal of Computer Science and Information Technologies	International	vol.2, no.2	pp.799-803 (2011)	March 2011
Dr. P S Sajja and Trivedi JA	"Improving efficiency of round robin scheduling using neuro fuzzy approach"	International Journal of Research and Reviews in Computer Science	International	vol.2, no.2,	pp.308-311	March
Dr. P S Sajja and Trivedi JA	"Framework for automatic development of type-2 fuzzy, neuro and neuro-fuzzy systems"	International Journal of Advanced Computer Science and Applications	International	vol.2, no.1,	pp.131-137	March 2011
Dr. P S Sajja and Akerkar RA (Norway)	“Generic multilayer architecture of knowledge-based systems for structured knowledge representation”	Journal of Hybrid Computing Research	International	vol.3, no.1	Online	December 2011
Dr. P S Sajja, Patel SV, Swaminarayan PR and Rathod VR	“Imparting domain ontology in multi-agent system for the development of an integrated solution for university domain”	International Journal of Emerging Technologies and Applications in Engineering, Technology	International	vol.3, no.1	pp.102-108	December 2011

		and Sciences,				
Dr. P S Sajja, Patel SV, Thakkar TH and Swaminarayan PR	“Development of agent based knowledge discovery framework to access data resource grid”	Advances in Computational Sciences and Technology	International	vol.3, no.1	pp.23-31	July 2011
Dr. P S Sajja and Dipti Shah,	“ <i>Knowledge Based Diagnosis of Abdomen Pain using Fuzzy Prolog Rules</i> ”	Journal of Emerging Trends in Computing and Information Sciences	International	Vol 1 No 2	----	October 2011
Apurva Shah, Ketan Kotecha & Dr D M Shah	Dynamic Scheduling for Real Time Distributed System using ACO	International Journal of Intelligent Computing and Cybernetics, (IJICC).	International	Vol. 3 Iss: 2,	pp.279 – 292	June 2011
H B pandit and Dr D M Shah	“ <i>Decision Support System for Medical Pamlistry</i> ”,	Advances in Applied Research	National	Vol 2 No 2	----	July-December 2010
Megha Patel and Dr D M Shah	:” <i>Prediction of some heterocyclic compounds as antifungal agent</i> ”	Der Pharmacia Lettre, (An international peer reviewed journal of pharmaceutical sciences) at Scholars Research Library.	International	Volume 2 issue 6	---	2010
Binod Kumar, N.N. Jani Hetalkumar Panchal	Knowledge Based System in Molecular Structure Prediction with Reference to Chemical Compounds.	Journal of SCI-TECH Research.	National	Vol.1, Issue-1 ISSN 0974-9780.	05-10	2010
Krishna Patel, H. J. Panchal	MSAP: Multiple Sequence Alignment Processor with Block and Pattern Analyzer.	Journal of Computational Intelligence in Bioinformatics	National	Vol. 4 No 1	83-93	2011

DEPARTMENT OF ELECTRONICS

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U.B.Trivedi,D .Lakshminarayana,I.L.Kothari,N.G.Patel,H.	Amperometric Glucose Biosensor based on Immobilization of	Sensors and Transducers (Belgium)	International	Vol.119 Issue.8	P.129-141	August 2010

N.Kapse,P.B.P atel and C.J.Panchal,	Glucose Oxidase in Polyethyleneimine and Poly (carbamoylsulphonat e) Polymer Matrix.					
U.B.Trivedi, D.Lakshimnar ayana,I.L.Koth ari,N.G.Patel, H.N.Kapse,P. B.Patel,C.J. Panchal	Amperometric Glucose Biosensor Based on Immobilization og Glucose Oxidase in Polyethylenimine and Poly (carbamolylsuphonat e) polymer Matrix	Sensors and Transducers	International ISSN 1726- 5479	Vol. 119, Issue 8	P.129- 141	August 2010

DEPARTMENT OF MATHEMATICS

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. and Issue No.	P.P.	Month & Year
S.J. Bhatt	C*-algebras, uniform Banach Algebras and a Functional Analytic Meta Theorem(a review article based on Hans Raj Gupta Memorial Award Lecture)	Mathematics Student,	International	To appear.	--	--
S.J. Bhatt, P.A. Dabhi and H.V. Dedania, “	Multipliers of weighted semigroups and associated Beurling Banach algebras	Indian Academy of Sciences	International	To appear.	--	--
S. J. Bhatt, P.A. Dabhi and Krunal Kachhia	Absolutely Differentiable Functions and Functions of Bounded Differential Variation	Mathematics Student,	International	To appear.	--	--
G M Deheri(with R M Patel and P A Vadher)	Lubrication Of An Infintely Long Bearing By A Magnetic Fluid	Fluid Dynamics And Materials Processing	International	6	277- 290, No. 3	2010
G M Deheri (with R M Patel and P A Vadher) :	Performance Of A Magnetic Fluid– Based Short Bearing	Acta Polytechnica Hungarica	International	7	63-78 No. 3	2010
G M Deheri (with R M Patel and N D Abhangi)	Magnetic Fluid– Based Squeeze Film Behaviour Between Transversely Rough Curved Plates,	Journal of Advanced Tribology	International	3(1)	54-55	2010
G M Deheri (with ME)	Surface Roughness And Elastic	Tribology in industry,	International	32	21-30 No. 2	2010

Shimpi)	Deformation Effects On The Behaviour Of The Magnetic Fluid-Based Squeeze Film Between Rotating Porous Circular Plates With Concentric Circular Pockets					
G M Deheri (with M E Shimpi) : h,	Magnetic Fluid Based-Rough Bearing	Journal of The Tribological Association,	International	16	No. 4	2010
A.K. Al-Salihi, A.H. Hasmani and M.G. Timol,” , r.	The New Systematic Procedure in Group Theoretic Method with Applications to a Class of Boundary Layer Flows	International Jour. Of Math. & Stat.	International	To appear.	---	---
A.K. Al-Salihi, A.H. Hasmani and M.G. Timol	A Family of Similarity Solutions of Three Dimensional MHD Boundary Layer Flow of non-Newtonian Fluids using New Systematic Group Theoratic Approach	App. Math. Science	International	5 .	1325-1336	2011
A.H. Hasmani and P.I. Andharia	Algebraic Computation of Spin Coefficients in Newman-Penrose Formalism using Mathematica	Journal of Dynamical Systems and Geomertic Theories	International	To appear.	---	---
R.D. Mehta and H.S. Mehta	Weak (i)-peak sets for a Real Function Algebra” ,	Int. J. Math. Anal., Vol.	International	4(24)	1181-1188	2010
A.B. Patel and S.A. Al Zuraiqi	On linear combination of two generalized skew projections	International Math. Forum	International	5	2875 – 2880	2010
A.B. Patel and S.A. Al Zuraiqi	On n-normal operators	General Mathematics Notes	International	1(2)	---	2010

DEPARTMENT OF PHYSICS

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. and Issue No.	P.P.	Month & Year
L. Vadkhiya, Alpa Dashora, M.K. Bhayani, A.R. Jani and B.L. Ahuja	Magnetic and electronic properties of NiAs-type chromium chalcogenides	J. of Magnetism and Magnetic Materials	Regional	322	2857-2867	2010

N.K. Bhatt, B.Y. Thakore, P.R. Vyas and A.R. Jani	High-temperature vibrational response and high-pressure melting curve of lead	Physica B	International	405	3492- 3496	2010
N.K. Bhatt, P.R. Vyas and A.R. Jani	High temperature and pressure thermodynamics of strontium: A macroscopic approach	Philo. Magazine	International	90	1599- 1622	2010
B.Y. Thakore, P.H. Suthar, S.G. Khambholja and A.R. Jani	Electrical transport properties of liquid Sn-Sb binary alloys	AIP Conference Proceedings	International	1249	170- 173	2010
B.Y. Thakore, S.G. Khambholja, P.H. Suthar and A.R. Jani	Electrical transport properties of liquid Al-Cu alloys	AIP Conference Proceedings	International	1249	194- 197	2010
B.Y. Thakore, S.G. Khambholja, P.H. Suthar, N.K. Bhatt and A.R. Jani	Collective modes and elastic constants of liquid Al ₈₃ Cu ₁₇ binary alloy	Chinese Physics Letters	International	27(9)	09620 3	2010
P.S. Vyas, B.Y. Thakore, P.N. Gajjar and A.R. Jani	Some properties of Si, Ge and α -Sn using pseudopotential theory	Commun. In Theoretical Physics	International	54	573- 577	2010
N.K. Bhatt and A.R. Jani	Anharmonic properties and sp-d hybridization in Barium at high temperatures	Prajna- J. of Pure and Applied Science	Regional	18	148- 150	2010
A.D. Patel, S.G. Khambholja, N.K. Bhatt, B.Y. Thakore, P.R. Vyas and A.R. Jani	Thermal EOS for PtC within Mie- Gruneisen hypothesis	AIP conference proceedings	International	1349	85-86	2011
Y.A. Sonvane, P.B. Thakor, Sandhya Kanawade, P.N. Gajjar and A.R. Jani	Structural properties of some semiconductor liquid metals using charged hard sphere reference system	AIP conference proceedings	International	1349	511- 512	2011
B.Y. Thakore, S.G. Khambholja, P.H. Suthar, N.K. Bhatt and A.R. Jani	Collective modes and elastic constants of Cu ₅₀ Zr ₅₀ glass	AIP conference proceedings	International	1349	52-526	2011
P.B. Thakor,	Shear viscosity	AIP	International	1349	937-	2011

Y.A. Sonvane, P.N. Gajjar and A.R. Jani	coefficient of 5d liquid transition metals	conference proceedings			938	
Manjulkumar, Mitesh Joshi, B.Y. Thakore, P.N. Gajjar and A.R. Jani	Binary structures and resistivity of liquid ZnSb alloys	AIP conference proceedings	International	1349	567- 568	2011
M.B. Pathak, P.R. Vyas, N.K. Bhatt, A.R. Jani and V.B. Gohel	The resistivity of liquid less simple metals with finite mean free path using effective local Pseudopotentials	AIP conference proceedings	International	1349	943- 944	2011
P.H. Suthar, S.G. Khambholja, B.Y. Thakore, P.N. Gajjar and A.R. Jani	Concentration dependent electrical transport properties of Ni-Cr binary alloys	AIP conference proceedings	International	1349	945- 946	2011
A.K. Dasadia, B.B. Nariya, D.N. Bhavsar and A.R. Jani	Hall effect, resistivity and thermoelectric power of ZrSTe crystals grown by direct vapour transport method	AIP conference proceedings	International	1349	1089- 1090	2011
D.N. Bhavsar, A.K. Dasadia, B.B. Nariya, M.K. Bhayani and A.R. Jani	Electrical properties of Zirconium ditelluride single crystals	AIP conference proceedings	International	1349	1085- 1086	2011
B.B. Nariya, A.K. Dasadia, D.N. Bhavsar and A.R. Jani	Optical properties of Cr -doped zinc selenide crystals	AIP conference proceedings	International	1349	1095- 1096	2011
P.S. Vyas, B.Y. Thakore, P.N. Gajjar and A.R. Jani	Elastic constants of $Ga_xIn_{1-x}As$ semiconductor	AIP conference proceedings	International	1349	1113- 1114	2011
P.B. Thakore, P.N. gajjar and A.R. Jani	Thermodynamic properties of RbCs liquid binary alloy	Physics and Chemistry of liquids	International	49	21-23	2011
S. Chaki, A.J. Patel, M.K. Bhayani and A.R. Jani	Growth, electrical transport properties and microtopographic studies of $Mo_{0.3}W_{0.7}Se_2$ single crystals	Materials Research Innovations	International	15	96-101	2011
B.Y. Thakore, S.G. Khambholja, Mitesh Joshi and A.R. Jani	Phonon modes in non crystalline Lithium, Sodium and their binary alloys	J. Optoelectronic s and Advanced Materials	International	13	293- 301	2011
P.S. Vyas, P.N. Gajjar, B.Y. Th	Elastic properties of $Ga_xIn_{1-x}P$	Physica B	International	406	4412- 4416	2011

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P.B.Thakore,Y .A.Sonava,P.N .Gajjar and A.R.Jani	Electronic transport properties of liquid Lanthanides	Adv.Mat.Letts.	International	2(4)	303- 308	2011
Siddharth H. Pandya & K. N. Joshipura	Dissociation of atmospheric molecules H ₂ and N ₂ by electron impact – neutral atom production, , SPU	Prajna, J. pure & appl. Science - SPU	Regional	18	151- 156	Decemb er 2010
Harshit Kothari & KNJ	Total and ionization cross sections of N ₂ and CO by positron impact: theoretical investigations	Pramana- J. Phys	International	76	477- 488	March 2011
K. N. Joshipura , Foram A. Shelat, Harshit N. Kothari Pooja Bhowmik & N. J. Mason	Electron scattering with meta-stable H ₂ [*] (c ³ Π _u) molecules: ionization and other total cross sections,	J. Phys. B – IOP UK	International	43	13520 7	July 2010
Harshit Kothari & K. N. Joshipura	Positron scattering and ionization of neon atoms: Theoretical investigations,	Chinese Physics B,	International	19	10340 2 (1-6)	March 2010
U. H. Patel and Sahaj A. Gandhi	“Quantum Chemical studies on Crystal Structures of Sulfacetamide and Sulfasalazine”	Indian Journal of Pure and Applied Physics	International	Vol. 49	pp. 263- 269	April 2010
A. T. Oza, G.K.Solanlki, Arabinda Ray and Anand Amin	Mechanism of conduction in TTF and TMTSF conductors of their vib-spectra	Ind. J. Physics	International	84	1529- 1542	Nov. 2010
Pravisinh I. Rahod, Ketan Dodia, Vishal Patel and A.T.Oza	IR spectroscopy of CTCs of elastin	Prajna- SPURes. Jour	Regional	18	136- 139	2010
Arpit Parmar, Bhavin Patel and P C Vinodkumar	Radiative transitions, two photon and two gluon decays of heavy quarkonia	Nuclear Physics A	International	848, 3-4	299	8 Septem ber 2010
M. Vinokumar, K. Korot and P.C.Vinodkum ar	Complex Scattering Potential-CSP-ic for TICS on electron impact	EPJ D	International	59	379	19 th May 2010
A.Majethiya, B.Patel and	Quark-diquark model description for	Chinese Physics C	International	34	1399	Septem ber

P.C.Vinodkumar	double charm baryons					2010
P.C.Vinodkumar, Bhavin Patel	Binding energy effects in the decay properties of charmonia	Chinese Physics C	International	34	1411	September 2010
B Patel and P C Vinodkumar	Decay properties of D and D _s mesons in CPP ₁ model	Chinese Physics C	International	34	1497	September 2010
Arpit Parmar, Bhavin Patel and P C Vinodkumar	Rare decays of B_s^0 and B_s^- mesons	DAE-BRNS Nucl. Phys Symp. Proc.	National	55	534	December 2010
Kaushal Thakkar, Ajay Majethiya and P C Vinodkumar	N^* and Δ resonances in hypercentral quark model	DAE-BRNS Nucl. Phys Symp. Proc.	National	55	540	December 2010
Ajay Majethiya, Kaushal Thakkar and P C Vinodkumar	Strong decay of charmed baryons using quark-diquark Model	DAE-BRNS Nucl. Phys Symp. Proc.	National	55	542	December 2010
K. D. Patel, Mayur Patel, V. M. Pathak and R. Srivastava	A Computer Controlled Experiment Setup For Measuring Thermoelectric Power of Some TMDC Compound Semiconductor Crystals Grown By A Direct Vapour Transport Technique	Chalcogenide Letters	International	7(4),	289 – 295	2010
Mayur Patel, K. D. Patel, C. A. Patel, K. K. Patel, V. M. Pathak, R. Srivastava	Temperature dependant transport and barrier properties of DVT grown WSe ₂ crystals and Schottky devices	“Prajna” Journal of pure and applied Science	Regional	18	119-122	2010
K. D. Patel, Keyur S. Hingarajiya, H. S. Patel, V. M. Patel and R. Srivastava	“Studies on barriers characteristics of thin film Al/CdS schottky junction by I-V-T measurement over a wide temperature range”	“Prajna” Journal of pure and applied Science	Regional	18 (2010)	123-125.	2010
C. K. Sumesh, K. D. Patel, V. M. Pathak, R. Srivastava	Native Defects in MoSe ₂ Crystals Grown by Direct Vapour Transport	“Prajna” Journal of pure and applied Science	Regional	18	129-131	2010
K. D. Patel, J. R. Rathod, H. S. Patel, V. M. Pathak and R.	“Characterization of Thermally Evaporated ZnTe Thin Films”	“Prajna” Journal of pure and applied Science	Regional	18 (2010).	126-128	2010

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K. D. Patel, Mayur Patel*, Keyur S. Hingarajiya, V. M. Pathak, R. Srivastava	“Structural and Optical Properties of e-Beam Evaporated MX ₂ Thin Films”,	AIP Conference proceeding	International	1349	639-640	2011
C. K. Sumesh, K. D. Patel, V. M. Pathak, R. Srivastav	Investigation of carrier scattering mechanisms in molybdenum diselenide single crystals by Hall effect measurements	Crystal Research and Technology	International	Volume-45 Issue-9	957–960,	2010
C. K. Sumesh, K.D Patel, V.M Pathak, R.Srivastava	Specific contact resistance at In-nMoSe ₂ interfaces	Journal of Electron Devices	International	Vol. 8	324-329	2010
C. K. Sumesh, K. D. Patel, V. M. Pathak, R. Srivastava	Current transport characteristics of pSe-nMoSe ₂ heterojunction diode	Eur. Phys. J. Appl. Phys.	International	52	30302	2010
C. K. Sumesh, M. Patel, K. D. Patel, V. M. Pathak, R. Srivastava	Low Temperature Electrical Transport Properties in p-SnSe Single Crystals	Eur. Phys. J. Appl. Phys.,	International	53	10306	2011
Mayur M. Patel*, K. D. Patel*, V. M. Pathak, R. Srivastava	Design and Fabrication of High Temperature Thermoelectric Power Measurement Setup	Journal of Electron Devices	International	9	367-370	March 2011
K.K.Patel, Mayur Patel, K.D.Patel, V.M.Pathak and R. Srivastava	Surface Characteristics of DVT Grown Tungsten Diselenide Crystals	Journal of SCI-TECH Research	National	Volume II, Issue I	55 – 63	2011
M. P. Deshpande, Sunil Chaki, Nilesh N. Pandya and Sagar C. Shah	Electrical transport properties of some mixed transition metal dichalcogenides Mo _x W _{1-x} Se ₂ (x = 0.3, 0.4, 0.85 & 0.9).	Prajna – Journal of Pure and Applied Sciences	Regional	18	132-135	2010
Sandip V. Bhatt, M.P.Deshpande, Bindiya H. Soni, Nilesh N. Pandya	Chemical Synthesis and characterization of Lead Sulfide (PbS) nanoparticles	Solid State Physics :Proceedings of the 55 th DAE-Solid State Physics symposium2010. AIP Conf Proc. 1349,	International	AIP Conf Proc. 1349	281-282	2011

G.K.Solanki, Dipika B.Patel, Sandip Unadkat & M.K.Agarwal	Synthesis and characterization of Germanium monosulphide(GeS) single crystals grown using different transporting agents	Pramana, Journal of Physics	International	47 (5)	813- 825.	2010
GK.Solanki, Trupti Patel, Sandip Unadkat, Dipika B. Patel, Ruchita R. Patel & N.N.Gosai	Photoelectrochemical studies og mixed germanium sulphoselenide single crystals.	Journal of Science	Regional	1 (1)	39-43	2010
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G.K.Solanki, K.D.Patel, Rahul B. Patel, Sandip Unadkat, Dipika B. Patel & N.N.Gosai.	Synthesis, structural and photoelectrochemical behaviour of SnSe _{0.5} - Te _{0.5} single crystals.	Journal of Optoelectronic s an Biomedical Materials,	International	2 (3)	99-107	2010
G.K.Solanki, Dipika B. Patel, Sandip Unadkat N.N.Gosai and Ruchita R. Patel,	Synthesis, structural and optical characterization of GeS _x Se _{1-x} single crystals grown by direct vapour transport technique.	International Journal of Physics,	International	3 (1)	25-32	2010
G.K.Solanki, sudeep Goyal, N.N.Gosai, Sandip Unadkat, Dipika B. Patel and M.K.Agarwal	Effect of using different transporting agents in the growth of tin monochalcogenides on its photoelectrochemical behaviour	International Journal of Power Engineering,	International	2 (2)	177- 189	2010
G.K.Solanki	Growth, characterization and transport property measurements in SnS crystals grown using different transporting agents	International J. Mat. Sci. and Electronics Research	International	1 (2)	195- 213	2010
C.K.Sumesh, M.Patel, K.D.Patel,	Low temperature electrical transport properties in p-SnSe	European Physical journal	International	53	10302	January 2011

G.K.Solanki, V.M.Pathak & R.Srivastave	single crystals	Applied Physics				
K.D.Patel, G.K.Solanki, C.J.Panchal, K.S.Hingrajy a, J.R.Gandhi	Effect of substrate temperature on structural and morphological parameters of ZnTe thin films.	J. Nano- Electron. Phys.,	International	3 (1)	41-46.	2011
M. P. Deshpande, S. H. Chaki, N. H. Patel, S. V. Bhatt and B. H. Soni	Study on nanoparticles of ZnSe synthesized by chemical method.	Journal of Nano- and Electronic Physics	International	3(1)	193- 202	March 2011

DEPARTMENT OF STATISTICS

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Riyadh R. Al- Mosawi and A. Shanubhogue.	Estimating After Selection in the Discrete Exponential Family under k-Normalized Squared Error Loss Function	Applied Mathematical Sciences, Vol. 4, no. 59,	International	4(59)	2905 – 2915	2010
Shanubhogue Ashok and Jain N.R.	Minimum variance unbiased estimation in exponential distribution using progressively type II censored data with binomial removals	Advances and Applications in Statistics	International	18(1)	27-39	2010
Al-Mosawi, R. R., Vellisamy, P. and Shanubhogue, A.	Risk-unbised estimation of the average worth of the selected subset of Poisson populations	Journal of Indian Statistical Association	International	49	---	2011
Al-Mosawi, Riyadh R., Shanubhogue, A. and Vellaisamy, P	'Average worth estimation of the selected subset of Poisson populations	Statistics	International	45(3)	1-19	2011
Jain, N.R. and Shanubhogue Ashok.(2011)	Non Bayesian and Bayesian estimations for Weibull distribution based on progressively Type II censored data with binomial removals	Far East Journal of Theoretical Statistics	---	34(2)	109- 122	2011

DEPARTMENT OF HOME-SCIENCE

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr.V.H.Patel	“Application of peanut butter to improve fatty acid composition of biscuits”	Journal of Food Science Technology.	National	47(3)	285-289	2010
Dr. M. S.Achrya & Ranjeet Kuar	“occupational health hazards of faculty workers”	Research link	National	Vol-X(8) Issue-91	153	Oct-2011
	“ Decision Making Ability”	Research Hunt	International	Vol-V(VI)	222-226	July-Aug 2010

(B) ECONOMICS SCIENCES

Number of Research Papers Published by the Teachers of Economic Sciences of Postgraduate Departments in International/National/State Level Journals in 2010-11

No.	Departments	International	National	State
1.	Business Studies	---	16	---
2.	Economics	---	10	---
3.	Business Administration (MBA)	---	03	01
Total		---	29	01

DEPARTMENT OF BUSINESS STUDIES

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr. P. K. Rathod	Disclosure of Intangible Assets of selected IT Companies in India.	The Chartered Accountant – Journal of ICAI	National	Vol.58, No.11, ISSN 0009-188X		May 2010
Dr. Sandip. K. Bhatt	India- Getting Ready for Transition to IFRS.	GITAM Journal of Management, June- 2010	---	Vol.8 No.2 ISSN- 0972-740X.	11-118	Apr-June 2010
	Financing to the poor: An Evaluation of Some Lending Microfinance Institutes of India.	Proceedings of International Conference on Knowledge Globalization - 2010.	---	ISBN- 978-984- 33-1691- 2		2010

	A Study on Rural Microfinance Institute of India.	Proceedings of International Conference on Knowledge Globalization - 2010.	---	ISBN-978-984-33-1691-2		2010
Dr. Raju M. Rathod	An Empirical Study on Pre Post Purchase Consumers' Risk Perception pertaining to Water Purifier Products.	Nirnay – The Journal of Decision Science, Janardan Rai Nagar Rajasthan Vidyapeeth University, Udaipur	---	Vol.4, No.1, ISSN 0973-8002		January -June 2010
	A Study on Stress: Sources, Effect and Result ion Strategies with reference to Marketing Employees.	KAIM Journal of Management and Research, Bi-annual (Referred) Journal of KAIM	---	Vol.3, No.1 ISSN: 0974-9462		May-October 2010
	Comparative Study of Consumption Pattern of Rural and Urban Consumers of Anand District.	ANVESH – Journal of IES Management College and Research Center	---	Vol.3, No. 1 SSSN: 0974-5467	39-46	January -June 2010
	Employee Health and Safety Practices in Some Selected Chemical Companies of Gujarat State.	PMR – Pravara Management Review- A Research Journal of Dr. Vikhe Patil Foundation, Pune	---	Vol. 9, No.1 ISSN-0975-7201		January -June 2010
	Comparative Study on Innovative Practices of Some Selected Banks.	International Journal of Research in Commerce and Management Open Access E – Journal.	---	Vol.1 (2010), issues-3		July 2010
Dr. Yagnesh Dalvadi	Block Deals and Share Market Price Movement.	Asia Pacific Journal of Research in Business Management	---	Volume 1, Issue 3	105-114	Decemb er 2010
	IFRS: Challenges Ahead.	Global Journal of Accounting and Management	---	Vol.1. No.1	82-86	Jan- June 2010

Human Resource Accounting Practices in Selected Companies in India.	International Journal of Research in Commerce and Management (IJRCM)	---	Vol. 1, Issue No. 2	58	June 2010
Let's Start Triple Bottom Line Reporting.	Management Trends	---	Vol.: 7 No: 1	45-50	March 2010
A study of Relationship Between Imports, Supply & Consumption of Gold and Future Price of Gold: With Special Reference to Multi Commodity Exchange (MCX).	SHARE Journal of Multidisciplinary Research and Studies	---	Vol.: 1 No-2	51-56	April-June 2010
Performance of Large Cap Share and Small Cap Share: A Comparative Study of Selected Companies' Shares	Indian Journal of Commerce & Management Studies	---	Vol-II, Issue -2		March 2010
The Impact of New Direct Tax Code on Salaried Person	Edited Book: Indian Service Sector: Present Scenario and Future Perspective	---	ISBN No.: 978-93-81142-15-8		2010

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Prof.H.J.Jani	“Customer Satisfaction among Two-Wheeler Users An Indian Experience-with special reference to motorcycle users”	SIES Journal of Management	National	Vol.7/ Issue 2,	pp-74- 87	March 2011
Dr. R.P. Patel	“Managerial Trust and Organizational Behaviour”	Journal ‘Management and Labour Studies’	National	Vol. 35 No.2	PP- 149to 167	May 2010
Dr. R.P. Patel	“Pester Power: genesis and Growth Drivers in India”	Journal of Management - “Synergy	National	Volume 12, Number 1,	PP- 1- 9	June 2010
Dr. Y.C. Joshi	“Impact of Policy Initiatives in SSIs in	Journal of Management –	National	Vol.12 No.2	PP-44- 49	July – Dec

	India”	Synergy				2010
	“India and Global Environment Change”	Climate Change: Issues and Consequences	National	--	PP- 55	oct. 2010
Dr. D.R. Dave	The Impact of No Entry Load Structure on the Indian Mutual Fund Industry.	VNSGU Journal of Management and administration	National	Vol.-2, No. 2,	PP-73-88	July-Dec. 2010
	A shift from crop mixed Traditional dairying to market oriented organized dairy farming.	Indian Journal of Agricultural Economics	National	Vol. 65 No. 2	PP-65-80	April-June 2010
	Celebrity Endorsement Strategies adopted by coke & Pepsi in India.	Journal of Management – Synergy	National	Vol. 12 No. 1	PP-74-84	Jan-June 2010
Dr. P.K. Priyan	The Role of Dairy Co-operation in Women Development	The IUP Journal of Agricultural Economics.	National	Vol. 8 (1)	PP 41-51	Jan, 2011
	Inventions and Innovations at the bottom of the pyramid.	Journal of Indian Institute of Environment& Management, Lucknow.	National	Vol. 1 (2)	PP 18-22	Dec.– Dec. 2009,2010

DEPARTMENT OF ECONOMICS

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
N.M. Patel	“Economy of Gujarat and Small Scale Industries.	Arth Sankalan, Ahmedabad	State level	Year-44, Voll.-2	37-44	28th February 2011
Sonal Bhatt	The Irony of Falling Sex Ratio and Rising Prosperity: A Study of Gujarat State in India	ANVESAK, Sardar Patel Institute of Economic and Social Research, Thaltej Tekra, Ahmedabad	National	Vol. 40, No. 1&2	20-43	January - December 2010
Sonal Bhatt	Poverty and Environmental Degradation: Breaking the	Artha Vikas, Sardar Patel University, Vallabh	National	Vol.47, No.1	64-73	January -June 2011

	Complex Nexus	Vidyanagar				
J. K. Barot	Performance Evaluation of Banks through CAMEL Model: A Case Study of AXIS, HDFC and ICICI Banks	Artha Vikas, Sardar Patel University, Vallabh Vidyanagar	National	Vol.47, No.1	51-63	January -June 2011

(C) SOCIAL SCIENCES

Number of Research Papers Published by the Teachers of Social Sciences of Postgraduate Departments in International/National/State Level Journals in 2010-2011

No.	Departments	International	National	State
1.	Sociology	---	06	---
2.	History	---	05	---
3.	Pschology	---	01	---
4.	Library and Information Science	01	03	---
	Total	01	15	---

DEPARTMENT OF SOCIOLOGY

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr. J M Trivedi	“Globalization and Changing Rural Society”	Book Edited	Regional	---	26-30	2010
Dr. R H Makwana	“Panchayati Raj Institution and Human Rights”	Book Edited	National	---	---	2010
	“Tribal Women Leadership in Panchayat”	Third Concept: an International Journal of India Edited by R K Saksen	National	24(287)	31-38	January 2011
	“ Impact of Climate Change on Women Health”	---	National	---	---	2010
Dr. I M Macwan	“ A Sociological Study of Female Tea Cheers”	SamajShastriya Anveshan	National	1	---	2011
	“Success without Degree”	Zaviar Vani (Catholic Magazine)	Regional	---	---	January 2010

DEPARTMENT OF HISTORY

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr. Hemant	Chandalig Uggo ane haranyun Athmi	Parab	Regional	---	67-71	Oct. 2010

Dave	Bhartvuhari ane Ronsard	Samipe	Regional	16	67-69	---
	Umasankar Joshi Itihaskar tarike	Navneet Samarpan	Regional	---	85-91	April 2011
	Durbodhata vishe	Samipe	Regional	18	65-94	---
	Rad Kidha Jevan Chopdun	Pratyaksh	Regional	20(2)	26-41	---

DEPARTMENT OF PSYCHOLOGY

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr.Suresh M. Makvana	Job-involvement as a function of employees categories and organizational health	Behavioural research review-ISSN- 0975-7198	A National Registered Research journal ISSN-0975- 7198	Vol.No.0 3 Issu-01	75 to 80	1 st March 2011

DEPARTMENT OF LIBRARY INFORMATION SCIENCE

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Prof. U. A. Thaker	“Sahitya Suchi” & “Parab Suchi”	PARAB	Regional	July-2010	---	July 2010
	“Parab Suchi” Annual Bibliography -2010-11	PARAB	Regional	Dec-2010	---	Dec. 2010
	LIS Education in 21 st Century: Trends, challenges and expectations	ADINET	Regional	Aug-2010	---	Aug. 2010
Prof. U. A. Thaker & Dr. N. D. Oza	Institutional Repository: An effective tool for knowledge management	SRELS Journal of Information Management	International	Oct-2010	507- 516	Oct. 2010

(D) LANGUAGES

Number of Research Papers Published by the Teachers of Languages in International/National/ State Level Journals in 2010-2011

No.	Departments	International	National	State
1.	Hindi	---	05	---
2.	Sanskrit	02	01	---
3.	Gujarati	---	06	---
	Total	02	12	---

DEPARTMENT OF HINDI

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr.D.S. Tripathi	Parmapara Ka Mulyankan Sandarbh Sanskrit Sahitya	Samya	National	26	117- 127	Feb 2011
Dr. M.M. Sharma	Kendriya Samvedana Ke Nikashpar Mahabhoj	Book (Mannu..)	---	---	---	2010
	Kamleshwer Ki Samaj Lakshi Kanani Chetana	Book (Kameshwar)	---	---	---	2010
Dr. K.J. Trivedi	Vishvgram Aur Tulnatmak Sahitya	Rastraveena	National	07,60	20 to 23	July 2010
	Bhashavigyan Mein Shodh Ki Samprut Sthithi Chaunotiyan	Rastraveena	National	10, 60	16 to 09	Oct. 2010

DEPARTMENT OF SANSKRIT

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Prof.Ajit Thakor	Charotarnu Sanskrut Sahitya ma Pradan	Nayapadkar Rajat Jayanti Volime	Regional	Vol.I	17- 22	April 2010
	Dhara Vastra:Aswada	Parab	International	---	120- 124	Novem ber 2010
	Kavyakalpalata Vruti;Samiksha	Swadhayay	International	---	---	March 2011

DEPARTMENT OF GUJARATI

Author(s)	Title	Journal	International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
B. R. Brahmbhatt	Concept of Creative Prose (Sarjanatmak Gadyani Vibhavana)	Parab	National	---	---	Oct. 2010
	Creative Essay (Lalit Nibandh)	Jalaramdeep	Regional	---	---	March- 2010 to Feb. 2011
	Lalit Nibandh	Uddesh	National	---	---	Oct.201 1
P. D. Pandya	Taboo : Motif	Riti	Regional	2	08	March- April -
	Maithili Lokkala	Riti	Regional	3	07	July- Aug.

	Kanthastha Paramparani ni Katha	Riti	Regional	4	10	2010 Oct- Dec 2010
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(2) PUBLICATION OF BOOKS

(I) PUBLICATION OF BOOKS/CHAPTERS BY THE POSTGRADUATE DEPARTMENTS

(A) BASIC / NATURE SCIENCES

Publication of Books by the Teachers of the Basic Sciences of Postgraduate Departments in 2010-2011

No.	Departments	Number of Books
1.	Computer Science	05
2.	Electronics	01
	Total	06

DEPARTMENT OF COMPUTER SCIENCE

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr P S Sajja and Akerkar RA	Advanced knowledge-based systems: Models, applications and research trends (ISSN 0975 – 9786)	TMRF, Kolhapur, India	2010
Dr. P V Virparia, Krunal Kamani, Dhaval Kathiriya, and Pankaj Parsania	Handbook of Research on Green ICT: Technology, Business and Social Perspectives	Digital Green ICT: Enabling Eco-Efficiency and Eco-Innovation (pages 282-289) IGI Global Book Publishing	October 2010
Dr P S Sajja A Chapter in the Book edited by Senthil Kumar AV (Ed.)	“Multiagent knowledge-based system accessing distributed resources on knowledge grid”, Chapter 12 Knowledge Discovery Practices and Emerging Applications of Data Mining: Trends and New Domains	IGI Global Book Publishing, Hershey, PA, USA	2011
Dr P S Sajja A Chapter in the Book edited by Anbumani K & Nedunchezian R (Eds.)	“Type-2 fuzzy interface for artificial neural network”, Chapter 5 Soft Computing Applications for Database Technologies: Techniques and Issues, Chapter 5, pp.72-92	IGI Global Book Publishing, Hershey, PA, USA	July 2010

Dr P S Sajja and Akerkar RA (Norway) A Chapter in the Book edited by Priti Srinivas Sajja Akerkar RA (Eds.)	“Knowledge-based systems for development”, Chapter 1 Advanced Knowledge-Based Systems: Models, Applications and Research, Chapter 1, pp.1-11	TMRF, Kolhapur, India (2010)	April 2010
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DEPARTMENT OF ELECTRONICS

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Kireet Joshi (General Editor) Vibha Vaishnav (Author)	Science and Spirituality	Shubhra Ketu Foundation and The Mother’s Institute of Research, New Delhi	2011

(A) ECONOMICS SCIENCES

Publication of Books by the Teachers of the Economics Sciences of Postgraduate Departments in 2010-2011

No.	Departments	Number of Books
1.	Business Studies	04
2.	Economics	05
	Total	09

DEPARTMENT OF BUSINESS STUDIES

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr. S. K. Bhatt	Corporate Financial Reporting in India	Publication Department, Bhaikaka Library, Sardar Patel University, Vallabh Vidyanagar. ISBN-978-81-909906-2-2.	2010-11
Dr. C. K. Sonara	Corporate Environmental Accounting And Reporting	Publication Department, Bhaikaka Library, Sardar Patel University, Vallabh Vidyanagar.	2010-11
Dr. R. M. Rathod	A Role of Retail Outlets in Customer Satisfaction	Sardar Patel University Press (Published under UGC Scheme)	2010-11
	Retail at Crossroads – Strategies for Success	Excel Books, First Edition, New Delhi, 2011, ISBN No.978-81-7446-926-7	2010-11

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Prod. H.J. Jani	“Environmental Management in the Netherlands”	LAP Lambert Academic Publishing. Dr.Miller GmbH & Co. Saarbrucken, Germany ISBN 978-3-8433-5839-2	2010
	“Quality Management in India”	Dr.Miller GmbH & Co. Saarbrucken, Germany ISBN 978-3-8383-9091-8	2010
Prof. R.P. Patel	“Sales Promotion and Brand Loyalty- An Indian Perspective”	Published Verlag Dr.Miller GmbH & Co. Saarbrucken, Germany ISBN 978-3-639-29477-4	2010
Dr. Yogesh .C. Joshi	WTO, GATS and Indian Higher Education	LAP Lambert Academic Publishing, Germany	2010
Dr. A.C. Mehta	“Human Resource Management in textile Industry- Indepth study of selected Textile Units in (Gujarat) India.	Published Verlag Dr.Miller GmbH & Co. Saarbrucken, Germany ISBN 978-3-639-32500-3	2011

(C) SOCIAL SCIENCES

Publication of Books by the Teachers of Social Sciences of Postgraduate Departments in 2010-2011

No.	Departments	Number of Books
1.	Sociology	03
2.	Psychology	01
3.	Political Science	02
Total		06

DEPARTMENT OF SOIOLOGY

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr. R H Makwana	Dr. Ambedkar & Women Empowerment	Parshwa Publication, Ahmedabad	2010
	Dr. Ambedkar & Social Reform	Parshwa Publication, Ahmedabad	2010
Dr. I M Macwan	Girl Child Labor – Causes and Consequences	Brick Publication, V V Nagar	2010

DEPARTMENT OF PSYCHOLOGY

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr.Suresh M.Makvana	To study the role of perceived organizational health in the relationship of work involvement and job satisfaction in different organizations.	Registrar (Publication department Bhaikaka library-Knowledge Resource Centre) Sardar Patel University Vallabhvidyanagar,	March-2010 ISBN-978-81-909906-1-5

DEPARTMENT OF POLITICAL SCIENCE

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr. Baldev Agja Editor	“Bhartiya Savidhanma Anusuchit-Jati ane Adijati Mateni Jogvaio”	Department of Political Science, Sardar Patel University, Vallabh Vidyanagar	March 2011
Dr. Baldev Agja	“Gujaratma Rajyasashtra: Vikas Ane Sansodhan”	Parshva Publication, Ahmedabad	2011

(D) LANGUAGES

Publication of Books by the Teachers of Languages of Postgraduate Departments in 2010-2011

No.	Departments	Number of Books
1.	Hindi	04
2.	Sanskrit	01
3.	Gujarati	04
	Total	09

DEPARTMENT OF HINDI

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr. D.S.Tripathi	Contri. Book Hindi Sahitya Mein Yuginbodh	Chintan Prakashan, Kanpur (U.P) Isbn-978-81-88571-35-2	2011
	Contri. Book Ekkisavi Sadi Ka Hindi Sahitya : Amay, Samaj Aur Samvedana	Lokbharti Prakashan, Allhabad. Isbn-978-81-8031-591-6	2011
	Adhinik Hindi Kavita Ke Kuchh Hataxar	Vikrsh Prakashan, V.V.Nagar Isbn-978-81-906-733-3-4	2011
	Edd. Book Adhunik Hindi Kavita	Khusbu Prakashan, Ahmedabad.	2011

DEPARTMENT OF SANSKRIT

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Prof.Ajit Thakor	Gujarati Navlika Chayanu;2008	Gujarati Sahitya parisad,Ahmedabad	March 2011

DEPARTMENT OF GUJARATI

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
B. R. Brahmbhatt	Aathamta Ajvala	R. R. Sheth & Co Amdabad	Oct. 2011
Edt. By : Dr. Bhalendu Vaishnav, Dr. D. S. Mishra and Dr. Param Pathak	Prabhdhdha Jivan .Textbook of Life Enrichment Course Vol : I (In Gujarati)	Sardar Patel University Vallabh Vidyanagar	Jan 2011

Edt. By : Dr. Bhalendu Vaishnav, Dr. D. S. Mishra and Dr. Param Pathak	Textbook of Life Enrichment Course Vol : I (In English)	Sardar Patel University Vallabh Vidyanagar	Jan 2011
Edt. By : Dr. Bhalendu Vaishnav, Dr. D. S. Mishra and Dr. Param Pathak	Textbook of Life Enrichment Course Vol : II (In English)	Sardar Patel University Vallabh Vidyanagar	Jan 2011

(3) PUBLICATION UNIT OF THE UNIVERSITY

For the journals and books published by the publication unit of the university, refer to chapter – IV.

3.3 RESEARCH COLLABORATIONS IN PROGRESS

A very important aspect of our research effort is a strong collaborative research programme. The faculties have succeeded in developing collaborative research with academics in India and abroad resulting in the publication of joint research papers, operating collaborative research projects, joint organization of various academic programmes, faculty visits and so on. This is through e-mail facility followed by faculty visits.

INTERNATIONAL/ NATIONAL COLLABORATION

Our international collaborators during last five years include scientists and academics from institutes like Clemson University (South Carolina, USA) CNRS (Mullhouse, France), Tokyo Institute of Technology (Japan), University of Erlanger-Nurmburg (Germany), University of Stuttgart, (Germany), University of Borden (France), Penn State University, (USA), Chungnam National University, (South Korea), University of London (UK), Open University of Milton Keynes (UK), University of Leeds (UK), University of Leipzig (Germany), University of Athens (Greece), Fukuoka University (Japan) and Fukuoka Institute of Technology (Japan). Our national collaborators during last five years are academics from Institutes like DRDL, (Hyderabad), DMRL (Hyderabad), BARC (Bombay), IPR (Gandhinagar), IGCAR (Kalpakkam), PRL (Ahmedabad), Mangalore University, South Gujarat University, The MS University of Baroda, Gujarat University, NDDB, IUCAA (Pune), GAU (Anand), SICI (New Delhi), the British Council (Mumbai), the USEFI (Mumbai) etc.

INTER DEPARTMENTAL COLLABORATION

There is also interdepartmental collaborative research among Departments in Humanities and Social Sciences as well as among some Departments in Sciences. These include research amongst (a) Departments of Chemistry and Biosciences, (b) Departments of Materials Science and Chemistry, (c) Departments of Biosciences and Mathematics, (d) Departments of Mathematics and Chemistry, (e) Departments of Languages, (f) Departments of Computer Science and Technology and Biosciences, (g) Department of Economics and Agro-Economic Research Centre, (h) Departments of Home Science and Biosciences, (i) Departments of Materials Science and Biosciences and (j) Departments of Physics and Materials Science. The Department of materials science has also developed collaborations with GCET College, BVM Engineering College, SVNIT, Surat and LD Engineering College. Of course, all Departments converge in the activities of the Community Science Centre.

Accepting a concrete outcome like publication of papers, research projects, patents, organization of an academic programme as criteria for research collaboration, the following table describes the research collaborations in progress during the present year:

The following Table offers a bird's eye view of the research collaborations in progress in the year under review:

COLLABORATIVE RESEARCH WORK / ACTIVITIES CONDUCTED IN 2010-2011

No	Name of the Department	Collaborative Research Work/Activities
1.	Mathematics	<p>A. Joint Research in Progress. (National) 1.P.I. Andharia, Bhavnagar University, Bhavnagar (AHH, GMD) 2.H.B. Modi, Bhavnagar University, Bhavnagar (RDM) 3.M.G. Timol, VN South Gujarat University, Surat (AHH)</p>
2.	Physics	<p>C. Joint Supervision of Students Thesis / Dissertations:- Ph. D joint registration of Pragna Vadher with Department of Mathematics (Prof. P. C. Vinodkumar, Physics and Dr. G. M. Deheri, Mathematics)</p> <p>D. Joint Research Projects:- Two DAE-BRNS major projects in collaboration with BARC, Mumbai</p> <p>H. Any other :- SFRCI unit of the Department actively collaborate with various industries and institutes</p>
3.	Statistics	<p>B. Joint organization of Academic Programmes. 1. Department of Statistics and BSI Jointly organized the Lead Auditor Training Programme. 2. Department of Statistics and BMGI Jointly organized Lean Six Sigma Black Belt Certification Programme.</p> <p>H. Collaboration with industries. 1 Power Build Limited, Vallabh Vidyanagar. 2 Prayas Engineering Limited, Vallabh Vidyanagar. 3 C.M.Smith & Sons Ltd. Nadiad 4 Vulcun Engineering Co. Ltd. V.U.Nagar, Vallabh Vidyanagar 5 Prayas Engineering Limited, Vallabh Vidyanagar 6 Power Build Limited, Vallabh Vidyanagar 7 Vulcun Engineering Co. Ltd. V.U.Nagar, Vallabh Vidyanagar 8 Power Build Limited, Vallabh Vidyanagar 9 Tyco Valve and Control India Pvt. Ltd. Baroda 10 Vidya Wires Pvt. Ltd., Vallabh Vidyanagar 11 Elecon, Vallabh Vidyanagar 12 Vulcun Engineering Co. Ltd. V.U.Nagar, Vallabh Vidyanagar</p>
4.	MBA	<p>A. Joint Research in Progress. (National) 1. Preparation of DHDR-Panchmahal, Undertaken jointly in collaboration with other departments like Statistics, MSW and Economics, as a result of MOU signed between GOG, S.P.U and collectorate, Panchmahal district.</p>

3.4 ACADEMIC PROGRAMMES ORGANIZED AND PARTICIPATED

(1) ACADEMIC DEVELOPMENT PROGRAMMES (SEMINARS, WORKSHOPS, CONFERENCES) ORGANIZED BY UNIVERSITY POSTGRADUATE DEPARTMENTS

DEPARTMENT OF PHYSICS

Theme	Sponsors	Date	Place
State level Seminar on Condensed Matter Physics with Nano Science flavour	Physics Alumni Association and C. C. Patel Community Science Center, SPU	04/02/2011	Physics Dept, SPU
Frontiers of Astronomy, Astrophysics & Space Science	C. C. Patel Community Science Center, SPU	02/03/2011	Physics Dept, SPU

DEPARTMENT OF STATISTICS

Theme	Sponsors	Date	Place
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one day State Level Seminar “Career Opportunities in Statistics Through Statistical Computing”	PG Department of Statistics, Sardar Patel University	January 08, 2011	V.V.Nagar
one day State Level Seminar “Career Opportunities in Quality Management”	PG Department of Statistics, Sardar Patel University	January 20, 2011	V.V.Nagar

DEPARTMENT OF BUSINESS STUDIES

Theme	Sponsors	Date	Place
Investors’ Protection: Present Scenario and Future Perspective	UGC-SAP	January 28-29, 2011	V.V.Nagar
Three Day Workshop on “Research Methodology in Commerce and Management”	UGC Merged Scheme	December 2-4, 2010	V.V.Nagar

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Theme	Sponsors	Date	Place
National Seminar on “Managing Development”.Issues and Challenges in Gujarat”.	Our own Deptt.Fund	12 th March,2011	MBA Dept S.P.Uni.,V.V. Nagar

DEPARTMENT OF SOCIOLOGY

Theme	Sponsors	Date	Place
CENSUS Operation:2011	Ministry of Home Affairs and Directorate of CENSUS operations, GoG.	10/02/2011	Senate Hall, SPU.

DEPARTMENT OF HISTORY

Theme	Sponsors	Date	Place
“traditional Institutions in India History:With Special Reference to Gujarat	U.G.C. S.P. Uni.	25-1-2011	History Dept S.P.Uni.

DEPARTMENT OF GUJARATI

Theme	Sponsors	Date	Place
Suresh Joshi	Gujarat Sahitya Acadami Gandhinagar	January 2011	V. V. Nagar
Natural Language Processing	Institute of Indian Languages, Mysore	17 to 20 Jan 2011	V. V. Nagar

(2) ACADEMIC PROGRAMMES PARTICIPATED/LECTURERS DELIVERED IN ACADEMIC PROGRAMMES/PAPERS PRESENTED:

A. FACILITATION OF PG TEACHERS’ PARTICIPATION IN ACADEMIC PROGRAMMES BY UNIVERSITY POSTGRADUATE DEPARTMENTS

The University has, as a matter of a healthy practice, been encouraging its faculty to undertake research by granting them Duty Leave, Study Leave etc, besides sending them on deputation, making financial support available to them for participation in Conferences, Seminars Workshops, Summer and Winter Schools. Besides the unassigned UGC grants, the university

has made provision to finance research activities from its Self-financed and Golden Jubilee Endowment Funds. This enables the faculty to participate very enthusiastically in academic activities, besides giving invited talks.

(I) LECTURES DELIVERED BY THE TEACHERS OF THE DEPARTMENTS IN 2010-2011

DEPARTMENT OF BIOSCIENCES

Name of Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecturer was arranged
Dr. Datta Madamwar	Enzyme in water-restricted microenvironment: a novel system in biotechnology	January 5, 2011	N. V. Patel College of Pure and Applied Sciences, Vallabh Vidyanagar	National symposium on 'Exploring New Horizons in Microbial Biotechnology-Colloquium-2011
	Molecular analysis of bacterial community structure to assess ecological impact of pollution	March 4 -5, 2011	Department of Biochemistry, Shivaji University, Kholapur	National Conference on 'Recent Trends in Life Sciences'
Dr M. Natraj	Imaging by light microscope	14-19 th Dec, 2009	BRD School of Biosciences, Sardar Patel University	Electron Microscope Workshop
R B Subramanian	Real Time PCR	February, 2011	A N Patel Institute of Science, Anand	----
Prof T. V. Ramana Rao	Improvement of health promoting properties of watermelon	June 16, 2010	Botany Department of Gujarat University	UGC Sponsored Refresher Course held by Academic Staff College of Gujarat University in Dept. of Botany
	Introduction to Microscopy	December 19, 2010	B R D School of Biosciences, S. P. University	Workshop on Electron Microscopy
Prof. K. S. Rao	Use of SEM and TEM for detection of plant pathogens and nanotechnology	6 th December 2010	Anand Agriculture University	ICAR sponsored winter school
	Importance of morphological and microscopical studies in the medicinal plant research	10 th March 2011	Indukaka Ipcowala college pharmacy, New Vallabh Vidyanagar	Workshop on "Systematics Research Methodologies Involved in Medicinal Plant Research".
Dr Kiran Kalia	Protein synthesis	5 th , 6 th February, 2011	PERD center, Ahmedabad	As visiting faculty NIPER (Ahmedabad)
	Protein targeting	12 th , 13 th February, 2011		

	Enzyme kinetics	26 th , 27 th February, 2011		
	Enzyme mechanism	12 th , 13 th March, 2011		
	Molecular diversity of antibody	6 th , 7 th November, 2010		
	Inflammation	14 th , 20 th , 21 st November, 2010		
	Hypersensitivity	27 th , 28 th November, 2010		
	Autoimmune diseases	11 th , 12 th December, 2010		

DEPARTMENT OF CHEMISTRY

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. D.I. Brahmbhatt	Lectures on IUPAC Nomenclature Lectures on ¹³ C NMR Spectroscopy	9 th -10 th , August, 2010	Shri M. & N. Virani Science college, Rajkot.	Invited Lectures
	Lectures on IUPAC Nomenclature	25 th August, 2010	Borsad Science College, Borsad.	Invited Lectures
	Lecture on ¹ H NMR Spectroscopy	22 nd and 23 rd October, 2010	NIPER, Ahmedabad.	Invited Lectures
	Lectures on ¹ H NMR and ¹³ C NMR Spectroscopy	22 nd to 24 th November, 2010	Pure and Applied Chemistry Department, M D S University, Ajmer	Invited Lectures
	Lectures on Mass Spectroscopy	23 rd and 24 th December, 2010	Department of Pharmaceutical science. Sardar Patel University, Vallabh Vidyanagar.	UGC Visiting faculty lectures
	Lectures on ¹ H NMR spectroscopy	30 th December, 2010	V. P. Science College, Vallabh Vidyanagar.	Guest lectures
	Lectures on PMR Spectroscopy	29 th and 30 th January, 2011	Department of Chemistry, M. L. Sukhadia University, Udaipur.	Extention lecture
	Lectures on ¹³ C NMR	2 nd -3 rd March, 2011	NIPER, Ahmedabad	Invited Lectures

	Lectures on Mass Spectroscopy	23 rd March, 2011	Department of Pharmaceutical science. Sardar Patel University, Vallabh Vidyanagar.	UGC Visiting faculty lectures
Dr. M.N. Patel	Higher Education Level	17th Aug. 2010	BISAG, Gandhinagar	---
	Quantum Chemistry	4 th Sep. 2010	Shri Jayendrapuri arts and Science College, Bharuch	---
	Expert guidance for NET/SLET	1 st Oct. 2010	R.R. Mehta Science College, Palanpur	UGC scheme
	6 th Refresher Course	16 th Dec. 2010	Gujarat University, Ahmadabad	---
	National Science Day	24th Feb. 2011	J.D.K. Davolwala Science College, Borsad	---
Dr. S.S. Soni	Statistical Thermodynamics	19/10/2010	KSKV Kuchchh University, Bhuj	Visiting Professor

DEPARTMENT OF COMPUTER SCIENCE

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. D B Choksi	Computer Networks	7 th June, 2010, 8 th June, 2010, 12 th June, 2010, 19 th Aug., 2010, 20 th Dec, 2010, 21 st Dec., 2010	Academic Staff College, Sardar Patel University, Vallabh Vidyanagar	Orientation Programme for University and College teachers
	Computer Organization	8 th Nov., 2010	Academic Staff College, Sardar Patel University, Vallabh Vidyanagar	2 nd Refresher Course for University and College teachers
	Communication Networks	18 th Nov., 2010, 23 rd Nov., 2010	Academic Staff College, Sardar Patel University, Vallabh Vidyanagar	Refresher Course for University and College teachers
	Trends in ICT	9 th Feb., 2011	ISTAR, Vallabh Vidyanagar	Invited Talk for students of M.Sc.(IT)
	Role of ICT in Teaching and Learning	25 th February, 2011	Shri R.K. Parikh Arts and Science College, Petlad.	Workshop on Knowledge Management
Dr. P V Virparia	E-Commerce	13-08-2010	M.Sc. Department of ISTAR	---

	Data Warehousing & Data mining	29-08-2010	Parul Institute of Engineering & Technology, LIMDA, Dist: Vadodara	---
	Spreadsheet Package-MS-EXCEL	03-06-2010, 04-06-2010, 07-06-2010, 08-06-2010, 12-08-2010, 13-08-2010, 22-12-2010, 23-12-2010, 24-12-2010	Academic staff college, Sardar Patel University, V V Nagar	Orientation course
	Internet and its applications	January – 2011	State Level Seminar on “Internet and Its spheres of Influence”, Petlad	---
	Lectures on Soft skills	February – March, 2011	Department of MSW, Sardar Patel University, V V Nagar	---
	Lectures on Soft skills	February – March, 2011	Anand Institute of social Work, Anand	---
	Lecture on Computer Applications	18-01-2011	Arts and Commerce College PILVAI	---
Dr. P.S. Sajja	Knowledge Based Systems	5 March, 2011	ISTAR, CVM, Vallabh Vidyanagar	Invited Lecture
	Awareness towards choice based credit system (CBCS), S P University	8 December 2010	Anand Mercantile college , Anand	Invited Lecture
	Use of multimedia in teaching learning process	25 February 2011	Shri RK Parikh Arts and Science College, Petlad	Workshop cum Training Programme on Knowledge Management Programme
	6 lectures on “Effective Teaching through PowerPoint” delivered at orientation and refresher courses	April to August 2010	Academic Staff College , S P University, Vallabh Vidyanagar	Refresher Course and Orientation Courses
	Artificial Neural Network and Its applications	15 September, 2010	ISTAR, CVM, Vallabh Vidyanagar	Invited Lecture
	Agent oriented software engineering	Jan 2010	H.J. Doshi Information Technology Institute, Jamnagar	Seminar on Emerging Trends and Applications in Information Technology
	Neural network and hybrid system application for mechanical	February 2010	B & B Institute of Technology, Vallabh Vidyanagar (2010)	STTP on Modern Computing Techniques in Mechanical

	engineering			Engineering
Dr. D M Shah	Computer Graphics	August 2010	Academic staff college, V V Nagar	---
	Image Processing and Multimedia	August 2010	Academic staff college, V V Nagar	---
Mr. B. B. Patel	Computer Application in Management -CAM	Dec.-Jan., 2011	MBA Department	As a Visiting Faculty

DEPARTMENT OF ELECTRONICS

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr.(Ms.) Basumati H.Patel	Guided Wave Photonics	11.10.2010	M.B Patel Science College, Anand	Visiting Lecture
Dr.(Ms.) Vibha S.Vaishnav	Science and Spirituality	March 12, 2011	Savitri Bhavan, Auroville, Tamil Nadu	A Project under the auspices of Sri Aurobindo's Action, Sri Aurobindo Ashram, Pondicherry
Dr.(Ms.) Vibha S.Vaishnav	Transformation – A Collaborative Evolutionary Process : Introduction and Glimpses	February 27, 2011	Sri Aurobindo Centre for Studies, India and the World, Bharat Nivas, Auroville	International Conference on Mutation II - A Clearing
Mr.Paresh B.Patel	“Microcontroller – 8051 , Introduction and Programming”	09-12-2010 and 10-12-2010	Shree Jayendrapuri Arts and Science College, Bharuch	---

DEPARTMENT OF HOME SCIENCE

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr.V.H.Patel	Advancing Research in Obesity “ Nutrigenomics approach for obesity research”	March 2011	Ahmedabad Management Association, Ahmedabad	---
	Nutrigenomics “ An intradisciplinary approach towards healthy life”	March 2011	Department of Biotechnology, Junagadh Agricultural University, Junagadh	---
Dr. Jisha Elias	Advancing Research in Obesity “influence of Gut Microflora on Soluble Cd14 (Scd14) and Lipopolysaccharide (Lps) in obese mothers”	March 2011	Ahmedabad Management Association, Ahmedabad	---

DEPARTMENT OF PHYSICS

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Prof. A. R. Jani	Global Warming	2010-2011	Academic Staff College of S. P. University, V. V. Nagar	Refresher and orientation course of college and university teachers
	Meta Physics			
	Science in Gujarat			
	Excitements in Nano science and Technology			
Prof. K. N. Josipura	Invited colloquium on 'electron scattering research at SPU',	May 12, 2010	PRL Ahmedabad,	Wednesday Research talk/ colloquium as a part of ongoing PRL programmes
	Electron impact ionization and electron mean free paths in planetary objects	July 5-9, 2010	Hyderabad, India	Invited talk in the Planetary Science section of International Conference and AOGS Meeting
	Teaching and learning Quantum mechanics	December 17, 2010	VASCSC Auditorium, Ahmedabad	Invited talk at State level Workshop on Quantum Mechanics, Ahmedabad , or4ganized jointly by IAPT RC-7, PRL and INSA
	Lecture demo on elementary Physics	June 28, 2010	Science College Petlad	Dist level Maths – Science Workshop for school teachers organized by the College jointly with Community Science College
	Creativity, knowledge, Science and technology	During Academic year 2010-'11	Academic Staff College SPU	Several lectures to different participating teachers in the Orientation and Refresher Courses
	A large number of lectures more than 40 at various schools colleges etc on Elementary Physics/ Astronomy, Q & A sessions	During Academic year 2010-'11	Various schools/ colleges in Anand District	Ongoing academic programmes and activities of C. C. Patel Community Science Centre SPU
	Prof. P. C. Vinodkumar	"Semi Leptonic Decay of Bc meson into eta-c states in a quark	15 Dec 2010	LNMIIT, Jaipur

	model”			
	“Calculation of the quarkonia decays in NRQCD”	15 Dec 2010	LNMIIT, Jaipur	XIX DAE BRNS High energy Physics Symposium
	“ Physics- study of nature, Symmetry- its Beauty: A perfect Harmony between Thjeory and Experiment”	18 Feb 2011	G H Patel College of Engineering and Technology Auditorium, Vallabh Vidyanagar	National Conf. on “Recent Trends in Theoretical and Experimental Physics”, By Vp & RPTP Science College, during 18-19 Feb 2011.

DEPARTMETN OF STATISTICS

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Ashok Shanubhogue	Quantitative techniques	First & Second Semester (120)	M.B.A. Department S.P.University	Guest faculty
	Biostatistics	First and Second Semester(50)	B.R.D.School of Biosciences	Guest Faculty
	Certificate Course SPSS	Four Batches in the academic year 2010-11(240)	Department of Statistics	Guest Faculty
J.M.Divecha	Three lectures at dept. of Statistics	23-25 Mar 2011	Dr. BAM University, Aurangabad	UGC visiting Scheme
D.P. Raykundaliya	Certificate Course in SPSS	Four Batches in the academic year 2010-11(240)	Department of Statistics	Guest Faculty
	Research Methodology	In the first Semester	P.G.Department M.S.W,S.P. University	Guest Faculty

DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. P. K. Rathod	“UG CBCS”	June 9, 2010	AIMS, Bakrol, Anand.	Guest Lecture
	“Recent Developments in Accounting”	October 6, 2010	MBA College, Dahemi, Anand.	Guest Lecture
	“Uses of Marginal	January 1,	B.J.V.M. College,	Guest Lecture

	Costing for Managerial Decisions”	2010	Vallabh Vidyanagar.	
	“IFRS”	March 22, 2011	MBA College, AIBM, Anand.	Guest Lecture
	“Convergence of Indian GAAP with IFRS: An overview”	November 30, 2010	Academic Staff College, Gujarat University, Ahmedabad.	UGC-Refresher
	“IFRS: Challenges and Opportunity”	March 10, 2011	Academic Staff College, Saurashtra University, Rajkot.	UGC-Refresher
Dr. S. K. Bhatt	“Managerial Skill Development in India”	24/06/2010	Christian College of Management Studies, Anand.	Guest Lecture
	“Commerce & Management Education in India”	28/06/2010	AIMS College, Bakrol, Anand.	Guest Lecture
	“Microfinance in India”	20/01/2011	Anand Commerce College, Anand	Guest Lecture
	Commerce Education in India	27/01/2011	Petled	Guest Lecture
	Microfinance: Chaining Scenario	31/01/2011	Udaipur	Guest Lecture
	Commerce Education in India	28/02/2011	Bhuj	Guest Lecture
Dr. C. K. Sonara	“How to Prepare a project report?”	03/01/2011	Jivkaran Institute of Administration, Vallabh Vidyanagar	Guest Lecture
Dr. R. M. Joshi	Service Marketing	24/11/2011	AIMS – V.V.Nagar	Guest Lecture
Dr. P. R. Sheth	Entrepreneurship & Ethical Dimension	03-07-2010	Kasturba Kanya Vidyalaya Anand	Karmayogi Talim Shibir Education Ministry Gujarat, Gandhinagar.
Dr. R. M. Rathod	“Why and Where MBA?”	20/06/2010	NGO Training Center, Vallabh Vidyanagar)	Guest Lecture
	“Importance of Vocation Stream”	21/6/2010	Home Science School, Vallabh Vidyanagar.	Guest Lecture
	“Basics of Marketing Research and Hypothesis Testing”	6-7/07/2010	F.H. Shah Institute of Management and Information Technology, Anand.	Guest Lecture
	“Oral Communication (Communication Etiquettes and Body Language)”	3/8/2010	Raksha Shakti University, Ahmedabad.	Guest Lecture
	“Managerial Skills”	5/8/2010	Nalini Arts College, Vallabh Vidyanagar.	XVII – Two Days State Level Workshop on UGC-GSET organized by Vidyanagar Education Trust

	“Research Methodology”	7/8/2010	Vidyangar Education Trust.	UGC- GSET – 2010
	“Team Work”	10/8/2010	Anupam Engineering, JCI Vallabh Vidyanagar.	Guest Lecture
	“Product Life Cycle, Trade Mark and Copyright”	13/09/2010	V.Z. Patel Commerce College, Anand.	Guest Lecture
	“Marketing Research”	23/10/2010	Institute of Technology, MBA Programme, Gandhinagar.	Guest Lecture
	“Leadership”	8/1/2011	V.Z. Patel Commerce College, Anand.	Guest Lecture
	“Basics of Strategic Finance Management and Shareholders Valuation Methods”	20-21/1/2011	C.P. Patel Commerce College, Anand.	Guest Lecture
Dr. Y. M. Dalvadi	“Tax Aspects of Merger and Acquisition”	03/01/2011	Thakorbbhai Patel’s Girls Commerce College, Kelavni Trust, Vadodara.	Guest Lecture
	“Deduction and Reliefs under Income Tax Act 1962”	30/12/2010	Shri B. K. Patel Arts & Smt. L M Patel Commerce College, Savli, Dist. Vadodara.	Guest Lecture
D. S. Rohit	Privatization	1/10/2011	V.Z.Patel Commerce College, Anand.	Guest Lecture

DEPARTMENT OF ECONOMICS

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. H. P. Trivedi	Emerging Issues in Environmental Conservation	January 19, 2011	Anand Commerce College Anand	Swarnim Gujarat Lecture Series
Dr. N.M. Patel	World Population and Environmental Issues	14 th July 2010	Anand Education Women Collage, Anand	
	“Women Empowerment in India”	20 th October 2010	Anand Commerce College, Anand	
	Self-Development	24 th February 2011	S.M.Patel Collage Of Home Science, Vallabh Vidhyanagar	
J. K. Barot	Industrial Disputes in India	24 th September 2010	Nalini Arvind Arts college, V. V. Nagar	

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. Yogesh. C. Joshi	Business and Globalisation	Jan, 2011	V.Z. Patel Commerce College, Anand	Invited Lecturer Series.
	International Business	April, 21-23 2010	AIMA, CME, Welspun, ANJAR	As a Resource person.
Dr. D.R. Dave	Minor Research Project	May-2010	Academic Staff College, V.V. Nagar	UGC sponsored refresher Course
Mr. K.S. Prasad	Changing Trends in Indian Retail Management	10-11, Feb-2011	Mumbai	UGC sponsored Seminar

DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. J M Trivedi	“Social Problems of Rural Development”	06/01/2011	Arts and Commerce college, Savali.	COHSHIP (UGC) S.F. Scheme
	“4 lectures on Modernization, Westernization, Social reform and rise of middle class in India”	2011 December	Dept. of History S.P. University	---
Dr. H N Patel	“NSS and Rural Development”	22/08/2010	Arts College, Talod	One Day NSS Programme Lecture
	“Social Problems”	13/09/2010	N.S. Patel Arts College, Anand	College Lecture
Dr. I M Macwan	“Peace, Love & Spirituality”	02/04/2010	Anand	St. Xaviers Church (Chief Guest Key Paper)
	“Social Change and Contribution in Development of Christianity in Gujarat”	06/06/2010	Anand	NGO- Rista (Chief Guest Key Paper)
	“Human Rights of Women & Child”	20/08/2010	S.M.P. College of Home Sci.	Guest Lecture
	Parents, Higher Education & Child”	15/02/2011	Limdapura Anand	Limdapura High School Chief Guest Key Paper

DEPARTMENT OF HISTORY

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Prof. Jigish	1857-A Historical	1-1-2011	N S Patel Arts	As a Resource

M. Pandya			College Anand	person in the Seminar (Student)
	19 th Century Social Changing in India	7-2-2011	Anand Arts College Anand	Guest Lecture (P.G.Center)
Dr.D.C. Chaudhari	Gujarat Vidyapith	22/-/2010	V.V.Nagar	Guest Lecture
	Bardoli Satyagarh	6/10/2010	Karamasad	Guest Lecture
	Gandhi Vichar and Inti.	9/2/2011	Anand Arts College	Guest Lecture (P.G.Center)

DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecturer was arranged
Dr.Suresh M.Makvana	માણસનો સારો મિત્ર પુસ્તક	26-04-2010	N.S.Patel Arts College Anand	Under Government .of Gujarat Vanchegujarat Letter No.Ygaas/10 & Uni letter No.b/55/602
	નેતૃત્વ નો ખ્યાલ અને અર્થ	26-12-2010 16.15 to 17.15	N.A, & T.V.Patel Arts college Vallabhvidyanagar	Bhaikaka chair, S.P University V.V.Nagar
	ધ્યાન વિચલન પ્રયોગ પરિણામો અને તેની અસરો	Letter- No.:100 to 200/ 26/07/2010	BYSAEG" Centre Government of Gujarat, Gandhinagar	BYSAEG" Centre by Higher education Government of Gujarat, Gandhinagar
	અટસીટી એક્ટ અને તે અંગે લોકોના મનોવલણો	26-03-2011	M.S.W.Department, M.S.University-Baroda	Department of Social Justice Government of Gujarat, Gandhinagar
	પંચાયત સભ્યોનું માનસિક દબાણ અને તેના વ્યવસ્થા અંગે નિરાકરણ ઉપાયો	13-01-2011	Padara Taluka Panchayat Padara Dist-Vadodara	Under the Government of Gujarat Department of Panchayat, Gandhinagar

DEPARTMENT OF LIBRARY INFORMATION SCIENCE

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Prof. U. A. Thaker	Citation, Bibliography, References	12-11-2010	Academic Staff College, S. P. University	Orientation Course

DEPARTMENT OF POLITICAL SCIENCE

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. Baldev Agja	Introduction of Panchayati Raj in India	12/8/2010	Higher Education Commissionar, Gandhinagar	Bhaskryacharya Institute Space and Geo Informatics (BISAG), Gandhinagar (Gujarat State)
	Indian Constitute	14/9/2010	Employment Bureo Office, V.V. Nagar, Govt. of Gujarat	GPSC Training Class for ST Catagorie Students, V.V. Nagar
	Current Issues of Gujarat Swarnim Gujarat Gyandhara	16/9/2010	Anand Arts College, Anand	Swarnim Gujarat Gyandhara
	Duties of Gram Panchayat members and information of other committeess	13/1/2011	Padra, Dist.-Vadodara	Padra Taluka Gram Panchayat member training programme
	“Gujarat: Vyaktilakshi Sahay Karyakramo ane Yojanaoni Ruprekha”	22/1/2011	Department of Political Science, Nalini Arvind & T.V. Patel Arts College, V.V. Nagar	Nalini Arvind & T.V. Patel Arts College, V.V. Nagar
	Duties of Gram Panchayat members and information of other committeess	11/2/2011	Padra, Dist.-Vadodara	Padra Taluka Panchayat member training programme

DEPARTMENT OF HINDI

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
DR. N.K.C	Hindi Vyavsayik Pariprekshya	29-07-2010	G'nagar	Live Telecast Baisag G'nagar
	How To Teach Litreture	15-09-2010	Bakrol	Lecture Scheme
	Hindi Ki Karya Paddhati	25-09-2010	Anand	Lecture
	Natak Aur Natya Ka Antar	18-03-2011	Balasinor	Seminar
DR.D.S.T	Hindi Alochana	20-08-2010	Anand	Guest Lecture
	Drishya-Shravya Madhyam	24-09-2010	Anand	Guest Lecture
	Lakhan Kavya Parampara Aur Kavi Shiksha	05-10-2010	Anand	Guest Lecture
DR.M.M.S	Lok Rangmanch...	23-09-2010	Anand	Institutional
	Lok Varta	25-09-2010	Anand	Institutional

	Lok Sahitya	25,27-11-10	Bhavnagar	Visitig Faculty
	Dev Ka Kavya	01-02-2011	Anand	Institutional
	Dev Ki Deepshikha	19-02-2011	Anand	Institutional
DR. K.J.T	Importance Of Hindi As A National & Link Language	14-09-2010	Nadiad	Guest Lecture
	Kabir Sahitya Samajik Sandarbh	06-01-2011	V.V.Nagar	Guest Lecture
	Sahitya Aur Samaj	12-02-2011	Upleta	Guest Lecture
	Bhashik Vividhata Aur Sahitya	06-03-2011	Andiad	Expert Lecture In Seminar
DR. K.V.B	Drishya-Shravya Madhyam Lekhan	---	Anand	Visiting Lecture

DEPARTMENT OF SOCIAL WORK

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Prof.Ajit Thakor	Urubhagy & Karnabhasya	17/02/2011	---	UGC
Dr N P Patel	Vidic Devata	---	Gandhinagar	Sandhan

DEPARTMENT OF GUJARATI

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Prof. B. R. Brahmhatt	R. V. Pathak : The Essayest : Geet Swarup	Ten Days	Bhavnagar	Visiting Fellow/ Bhavnagar University
	Gujarati Poetry	22-4-10	Rajkot	P. G. Dept. of Gujatali/ Saurashtra Uni Rajkot
Prof. P. D. Pandya	Andhali Gali	22-4-2010	Ahmedabad	Visiting Fellow at Guj. Uni
	Madan Mohana	23-4-2010	Ahmedabad	Visiting Fellow at Guj. Uni.
	Sahitya ane Samaj	24-4-2010	Ahmedabad	Visiting Fellow at Guj Uni.
	Sahityama Mulyo	25-4-2010	Ahmedabad	Visiting Fellow at Guj Uni
	Croche	26-4-2010	Ahmedabad	Visiting Fellow at Guj Uni
	Sahitya ane Journalism	22-4-2010	Ahmedabad	Visiting Fellow at Guj Uni
	Kant	23-4-2010	Ahmedabad	Visiting Fellow at Guj Uni
Kant	24-4-2010	Ahmedabad	Visiting Fellow at Guj Uni.	
Prof. Param Pathak	Depiction of Glory of Gujarat in Kanailal Munshi's Novels	1-5-2010	V. V. Nagar	S. M. Patel Home Science College. Vanche Gujarat

	Sri Aurobindo's Epic : Savitri	20-8-2010	Ankleshwar	Arts College. Vanche Gujarat
	Dhwani Siddhanta	20-8-2010	Ankleshwar	Arts College. Guest Lecture
	Takhuni Vato	5-10-2010	Bodeli	Arts College. Guest Lecture
	Integral Education	23-12-2010	Vaso	Arts College. Motibhai Amin Lecture Series
	Relavance of Folk Literature	26-2-2011	Vadodara	M. S. Uni. Sandesara Lecture Series

(II) CONFERENCES/SEMINARS PARTICIPATED

DEPARTMENT OF BIOSCIENCES

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ Presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/Poster
Dr Datta Madamwar	National symposium on 'Exploring New Horizons in Microbial Biotechnology- Colloquium-2011	N. V. Patel College of Pure and Applied Sciences	Vallabh Vidyanagar	January 5, 2011	Invited Talk	Enzyme in water-restricted microenvironment: a novel system in biotechnology
	National Conference on "Recent Trends in Life Sciences	Department of Biochemistry, Shivaji University,	Kholapur	March 4-5, 2011	Invited Talk	Molecular analysis of bacterial community structure to assess ecological impact of pollution
Dr Amita R. Shah	National symposium on "Trends in Biological Sciences "	BRD School of Biosciences	Vallabh vidyanagar	Jan 28-29 , 2011	Paper presentation (Presented by my research students) and participation in organizing the symposium	"Inulinase production by Aspergillus tubingensis... .. fermentation"

						“Production and characterization..... eucalyptus craft pulp.”
Dr Sujata Subhash Bhatt	Two day workshop on “Alternatives to use of Animals in Biological Sciences”	Zoology Department, Gujarat University	Ahmedabad	22 nd - 23 rd September, 2010	Attended	---
Dr. A.V. R. L.Narasimhacharya	National Symposium on Trends in Biological Sciences”	Sardar Patel University	Vallabh Vidyanagar	28-29 th January, 2011.	Chair person	---
	One day State level Seminar on Innovative Approaches to Biological Sciences: Recent Perspectives organized	Gujarat University Botanical Society & Dept. of Biology, J. J. College of Science	Nadiad	3 rd January, 2011	Chair person	---
	National level Seminar on Biodiversity Conservation - Challenges Ahead	Departments of Botany, Zoology & Environmental Science	M. S. University, Baroda	19 th - 20 th December, 2010	Chair person	---
	XXIXth Conference of the International Society for fluoride Research,	University of Rajasthan	Jaipur, Rajasthan	2 nd -5 th December, 2010	Chair person	---
	Knowledge Assets and its management in Indian Universities	Sardar Patel University	Vallabh Vidyanagar	28 th September, 2010	Compeered the workshop	---
	Attended a two day workshop on “Alternatives to use of Animals in Biological	Zoology Department, Gujarat University	Ahmedabad	22 nd - 23 rd September, 2010	Attended	---

	Sciences”					
Dr. J. S. S. Mohan	National Conference on Biodiversity of Medicinal and Aromatic Plants: Collection, Characterization and Utilization	Medicinal and Aromatic Plants Association of India	NRC, Boriavi, Anand	24-25 November, 2010	Participated and presented posters	Biochemical Changes During In vitro organogenesis of Schweinfurthia papilionacea – a Rare Medicinal Herb
						Screening of selected Aromatic plants belonging to Labiateae and Verbenaceae family for their antimicrobial activity
	“Workshop on Electron Microscopy”	Department of Biosciences, Sardar Patel University & SICART, Charutar Vidyamandal	Vallabh Vidyanagar	18-23 December, 2010	Functioned as an Organizing Secretary	---
National Symposium on Trends in Biological Sciences	B.R.D. School of Biosciences, Sardar Patel University	B.R.D. School of Biosciences, Sardar Patel University	Vallabh Vidyanagar	28-29 January, 2011	Participated and presented paper and poster	Screening of crude leaf extract of selected Indian medicinal plants for their antibacterial activity.
						Effect of different biocontrol agents as seed treatment for the induction of defense related enzymes in Zea mays L. for disease

						resistance
Prof. R B Subramanian	Trends in Biological Sciences	SPU	V.V Nagar	Jan 28-29,2011	---	---
Prof. T. V. Ramana Rao	98 th Indian Science Congress	SRM	Chennai.	January 3 – 7, 2011	Acted as a Co-Chairman of a Technical Session.	---
	National Conference on Biodiversity Conservation : Challenges Ahead	Maharaja Sayajirao University	Baroda	December 18-20, 2010.	Acted as a Co-Chairman of a Technical Session.	---
	National Conference of Plant Physiology	Banaras Hindu University	Varanasi	November 25-27, 2010.		
Prof. K. S. Rao	Workshop on Electron Microscopy	BR Doshi School Of Biosciences, Sardar Patel University and SICART, CVM	V. V. Nagar	18-23 December 2010	Course Director	---
Prof. (Mrs.) Kiran Kalia	TWOWS Forth General Assembly and International conference Women scientist in a Changing world	Third World organization for women on sciences	Beijing, China	27-30 June, 2010	Presentation of Paper	Glycation of immunoglobulin/proteins and their impaired functional aspect in diabetic nephropathy
	4th Indo-Australian Conference on Biomaterials, Tissue Engineering and Regenerative Medicine	Sardar Patel University	Vallabh Vidhyanagar, Anand	10-12 February, 2011	Chair person	---

Prof. A S Reddy	Workshop	Panel member in Experts Group discussion	Gandhinagar	22, April 2010	Panelist	Climate Change
	Seminar (Invited talk)	Gujarat Forest Department	Gandhinagar	5/6/10	Resource person	Indian Tradition vis-à-vis Environmental Conservation
	Refresher course	Gujarat University	Ahmadabad	11/6/10	Resource person	Biodiversity and Environment Conservation
	International Conference	Dr. Babasaheb Ambedkar Marathwada University	Aurangabad	2-4 Sep. 2010	National Advisory Committee member	-----
	International Seminar on Medicinal Plants and herbal Products	Sri Venkateswara University	Tirupati	27-29 th Dec. 2010	Paper Presenter	Medicinal plants of Gujarat
	National Conference on Biodiversity of medicinal plants: Collection Characterization and Utilization	Medicinal and Aromatic Plants Association of India	Anand	24-25, Nov. 2010	Paper Presenter	Use of GIS
	National Conference on Role of Taxonomy in Biodiversity Management and Human Welfare	Science College of Science	Palanpur	29 th Jan 2011-2011	Keynote speaker	Taxonomy and Biodiversity : An interface.

DEPARTMENT OF CHEMISTRY

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/Poster
Dr. N.V.	National	SMIT, Manipal,	Manipal	28-30 th	Invited Talk	Surfactant

Sastry	Seminar on Membranes, Microemulsions, and Self Assembled Systems	Sikkim		September 2010		like ionic liquids – Synthesis, surface activity, aggregation behavior and structural features,
	National Symposium on Recent Advances in Chemical Sciences, , –	University of Kota, Kota	Kota, Rajasthan	7-8 th January 2011	Invited Talk	28. Amphiphilic Ionic Liquids as Potential Green Surfactants
Dr. D.I. Brahmhatt	National seminar on “Advances in Instrumental Techniques”, (NWAIT – 2010)	Shivaji Science college, Amravati	Amravati, Maharashtra	15 th October, 2010	Resource person	Lectures on 2D NMR Spectroscopy
	UGC Sponsored Refresher Course in Chemistry	ASC, Gujarat University, Ahmedabad	Ahmedabad	9 th December, 2010	Resource person	Lectures on 2D NMR spectroscopy
	15 th Indian Society of Chemists and Biologists international Conference (ISCB-2011)	Department of Chemistry, Saurashtra University, Rajkot	Rajkot	4 th -7 th , February, 2011	Poster presentation and chaired a session	Synthesis of some 1H-2,3-dihydrocyclopenta [1',2';5,6] pyrido[3,2-c] coumarins; 1,2,3,4-tetrahydroquinolo[3,2-c]coumarins and 5,6-dihydro-14-aza-benzopyrano[4,3-b] phenanthrene-(8H)-ones
	UGC sponsored seminar on NET/SLET Examination	R.R.Mehta Science College Palanpur	Palanpur	25 th -26 th February, 2011	Resource person	Lectures on NET/SLET problems based on spectroscopy
	National Seminar on CAS-2011	Chemistry Department, S.P.University	Vidyanagar	17 th -19 th February, 2011	Resource person	Lectures on 2D NMR and combined problems.

Dr. M.N. Patel	29th Annual Conference of Indian Council of Chemist	Indian Council of Chemist	Department of Chemistry, Punjab University Chandigarh	19 th - 21 th Dec. 2011	Oral presentation	Bactericidal and nucleolytic activity of drug based copper(II) compounds.
	3rd international symposium on materials chemistry	Bhabha Atomic Research Centre	Mumbai	7 th - 11 th Dec. 2010	Poster presentation	DNA interaction and biocidal studies of drug based copper(II) coordination complexes of terpyridines.
	3rd international symposium on materials chemistry	Bhabha Atomic Research Centre	Mumbai	7 th - 11 th Dec. 2010	Poster presentation	Gyrase inhibition and SOD like activities exerted by quinolone drug based square pyramidal mixed ligand copper(II) complexes
	29th Annual Conference of Indian Council of Chemist	Indian Council of Chemist	Department of Chemistry, Punjab University Chandigarh	19 th - 21 th Dec. 2011	Oral presentation	Gyrase inhibition and salt dependent DNA binding study exerted by ciprofloxacin based metal complexes of bipyridines.
	29th Annual Conference of Indian Council of Chemist	Indian Council of Chemist	Department of Chemistry, Punjab University Chandigarh	19 th - 21 th Dec. 2011	Oral presentation	Drug based copper(II) complexes of NS donor ligand: Antibacterial, DNA binding and SOD mimic activity.
	A National level symposium on cutting edge and most promising	Ashok and Rita Patel Institute of Integrated Study and Research in Biotechnology and Allied Sciences	New Vallabh Vidyanagar	18 th Dec. 2010	Oral presentation	DNA binding behavior and SOD like activity of mixed ligand copper(II) complexes

	research in pharmaceuticals					with the 2nd generation norfloxacin and terpyridines.
	National level workshop	Department of Chemistry, Sardar Patel University	Vallabh Vidyanagar	17 th to 19 th Feb. 2011	Attended	Combined Application of Spectroscopy
Dr. N.J. Parmar	Participated in Seminar on Role of Education in Modern India	India International friendship Society, New Delhi	New Delhi	Jan 21, 2011	Participation	---
	15 th ISCB conference on 'Bridging gap in discovery and development: Chemical and biological Sciences for Affordable Health, Wealth and Sustainability	Jointly by ISCB & Deptt. Chem. Sau. Univ., Rajkot at Rajkot	Rajkot	Feb 4-7, 2011	Presented a paper	Solvent-free Tetrabutylammonium hydrogen sulfate mediated domino reaction: synthesis of some benzopyran annulated pyrano fused pyrazoles.
	UGC sponsored Combined Application of Spectroscopy	Deptt. of Chem., S.P. Univ, V.V. Nagar	V.V. Nagar	Feb 17-19, 2011	Participation and Chaired one of the sessions	Application of ¹³ C NMR spectroscopy
	Seminar on CENSUS OPERATIONS: 2011	Department of Sociology, S.P, University, V,V. Nagar	V,V. Nagar	10.02.2011	Participation	---
Dr. S.S. Soni	3 rd SERC summer school on "Solid State and Material Chemistry"	DST-SSCU	IISc, Bangalore	17 th June – 7 th July 2010	Participant	---
Dr. J.H. Trivedi	XXV Carbohydrate Conference	Jointly organized by Dept. of Chem., Himachal Pradesh University, Shimla & Association of Carbohydrate Chemists and Technologists,	Dept. of chemistry, H. P. Univ., Shimla	11 th -13 th November, 2010	Had attended and presented paper by one of the co-auteurs	Graft Copolymerization of Sodium salt of Partially Carboxymethylated Sodium Alginate with Methyl Acrylate : An

		India				Examination of Reaction Variables
	11 th International Conference on Frontiers of Polymers & Advanced Materials (Macro 2010)	Jointly organized by IIT, New Delhi & The Society for Polymer Science, India	Indian Habitat Centre, New Delhi	15 th - 17 th Dec. 2011	Had attended and presented paper by one of the co-authors	Synthesis and Characterization of Sodium salt of Partially Carboxymethylated Sodium Alginate-grafted Poly - Ethyl Methacrylate
	Seminar on Census Operations: 2011	Department of Sociology, Sardar Patel University, V. V. Nagar	Senate Hall, S.P. U., V.V. Nagar	10 th February, 2011	Attended	----
	National Workshop on Combined Applications of Spectroscopy	Department of Chemistry, S.P.U. V.V. Nagar		17 th -19 th February, 2011	Attended	----
Dr. K.R. Surati	3 rd International Symposium on Materials chemistry organized by DAE-BRNS	DAE-BRNS, BARC	Mumbai	Dec. 7-11, 2010.	Poster presentation	“Spectroscopy and Biological investigations of manganese (III) Schiff base complexes derived from heterocyclic β -diketone with various primary amine and 2,2'-bipyridyl”
	39 th National Seminar on crystallography	Postgraduate department of physics and electronics	Jammu and Kashmir	Oct. 25 th -27 th 2010	Oral presentation	“Crystal structure and photochromism investigation of Schiff base pyrazolone compounds”
	“Fundamental of spectroscopy and its application in	Department of chemistry, V.S. Patel college of arts and science	Bilimora, Gujarat	7-8 Jan, 2011.	Attended workshop	---

	elucidating molecular structure” supported by GUJCOST					
Dr. M.P. Patel	The 3 rd International Symposium on Materials Chemistry: ISMC-2010	Bhabha Atomic Reseach Centre, Mumbai	Bhabha Atomic Reseach Centre, Mumbai	Dec 7-11,2010	Presentation of Poster	Synthesis and Investigation of In vitro Antimicrobial Evolution of New Octahydro quinazolinone Derivatives using Zn(OTf) ₂ as a catalyst
	in “Nanosys’10 – A National Seminar on Nanotechnology: Today & Tomorrow”	Nirma University	Ahmedabad	8 th March, 2010.	Participant	---
	The Seminar on Mastering Empower2	Waters India Ltd.	Hotel Surya Palace, Vadodara	17 March 2010	Participant	---
	Two-day Faculty Development Program on Research and Data Analysis using SPSS	Sardar Patel University, V.V.Nagar	G. H. Patel PG Institute of Business Management,	July 15-16, 2010.	Participant	---
	Participated in the National level seminar on Capacity building Workshop-mainstreaming Agriculture for Climate	Anand Agricultural University, Anand	Anand Agricultural University, Anand	January 7-8, 2011	Participant	---

DEPARTMENT OF COMPUTER SCIENCE

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Dr. D B Choksi	UGC Sponsored State Level Seminar on 'Empowering Women in India: Contribute Today'	Anand Commerce College	Anand	26 th Oct., 2010	Chairman of session	---
	Workshop on Knowledge Management	Shri R.K.Parikh Arts and Science College	Petlad	25 th Feb., 2011	Invited Speaker	Role of ICT in Teaching and Learning
	One Day Workshop on Content Development of Elective Courses under Choice Based Credit System	Knowledge Consortium of Gujarat and S.P.University	Vallabh Vidyanagar	24 th Feb., 2011	participant	---
	Techno Astrum 2010-11	N.V.Patel College of Pure and Applied Sciences	Vallabh Vidyanagar	19 th Jan., 2011	Chief Guest	---
	Information Technology Meet	M.B.Patel Science College	Anand	10 th Jan., 2011	Chief Guest	---
Dr. P V Virparia	Workshop on Bioinformatics	Department of Computer Science and Technology, S P University	Vallabh Vidyanagar	September 22-25, 2010	Organizing committee member	---
	State Level Seminar on "Internet and Its spheres of Influence	Petlad College	Petlad	January 2011	Chief Guest	---
	Multidisciplinary National Conference	Parul Institute of engineering and Technology	Limda	4 th December 2010	Session chair	---
	NAAC Sponsored	Anand Institute of Information	Anand	11-12 March	Resource Person	---

	State Level Seminar on Impact of e-Learning in Quality of Teaching	Technology		2011		
Dr.P.S.Sajja	One Day Workshop on Content Development of Elective Courses under Choice Based Credit System	Knowledge Consortium of Gujarat and S.P.University	Vallabh Vidyanagar	24 th Feb., 2011	participant	---
	Techno Astrum 2010-11	N.V.Patel College of Pure and Applied Sciences	Vallabh Vidyanagar	19 th Jan., 2011	Session chair and judge	---
	NAAC Sponsored State Level Seminar on Impact of e-Learning in Quality of Teaching	Anand Institute of Information Technology	Anand	11-12 March 2011	Resource Person	---
	Workshop on Bioinformatics	Department of Computer Science and Technology, S P University	Vallabh Vidyanagar	September 22-25, 2010	Organizing committee member	---
	International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU-10), Part-II, pp.306-315, Dortmund, Germany (2010) [Printed in Springer Lecture notes in Computer science]	Dortmund, Germany	Dortmund, Germany	2010	Co-Author (Dr. Priti Srinivas Sajja with Akerkar RA)	“A neuro-fuzzy decision support system for selection of small scale business”

	The First International Conference on Computer Science and Information Technology (COSIT-11), Bengaluru, India (2011) [Accepted to be printed in Springer Lecture notes in Computer science, if presnted]	Bengaluru, India	Bengaluru, India	2011	Co-Author (Kunjal Mankad, Dr. Priti Srinivas Sajja and Akerkar RA)	“An automatic evolution of rules to identify students' multiple intelligence”
	National Conference on Advances in Computing & IT		Coimbatore	2010	Co-Author (Dr. Priti Srinivas Sajja with Dahiya VR	“Algorithm for signal transformation of primary visual cortex”,
	International Conference on Intelligent Systems and Data Processing - ICISD 2011	GCET college	Vallabh Vidynagar	Jan 24-25, 2011	Resource Person	---
	Judge for Web-o-Mania competition (web site development)	A D Patel Institute of Technology	CVM, VVN	4 April, 2010	Judge	Web site development
Dr. D M Shah	Workshop on Bioinformatics	G H Patel P G Department of Computer Science and Technology, S P University	Vallabh Vidynagar	September 22-25, 2010	Organizing committee member	---
	International Conference on Intelligent Systems and Data Processing - ICISD 2011	GCET college	Vallabh Vidynagar	Jan 24-25, 2011	Author	Framework of Meta Search Engine
	International Conference on Intelligent Systems and Data Processing -	GCET college	Vallabh Vidynagar	Jan 24-25, 2011	Author	Implementation of Multi-Agents System in Health Care Domain

	ICISD 2011					
	International Conference on Intelligent Systems and Data Processing - ICISD 2011	GCET college	Vallabh Vidynagar	Jan 24-25, 2011	Author	Decision Support System for Healthcare Based on Medical Palmistry
	International Conference on Intelligent Systems and Data Processing - ICISD 2011	GCET college	Vallabh Vidynagar	Jan 24-25, 2011	Author	---
Mr. B B Patel	4th short term Ph.D. course	UGC Academic Staff College	Vallabh Vidyanagar	1st -3rd March 2011	Participant	---
	State Level Seminar on "Internet and Its spheres of Influence	Petlad College	Petlad	January 2011	Resource Person	---
	Workshop on Bioinformatics	G H Patel P G Department of Computer Science and Technology, S P University	Vallabh Vidynagar	September 22-25, 2010	Organizing committee member	
Dr. H J Panchal	Short Term Training Program on "CoreJava"	Department of Computer Science sponsored by University Grants Commission (UGC), Govt. of India.	Rajkot	28th – 30th January 2011.	Participant	---
Mr. Biraj V Patel	ICISD - 2011	G H Patel College of Engineering and Technology	Vallabh Vidyanagar	24 th – 25 th January 2011	Presentation of Paper	Framework of Meta-Search Engine
	4 th short term Ph.D. course	UGC Academic Staff College	Vallabh Vidyanagar	1 st -3 rd March 2011	Participated as a Ph.D. Scholar	---
Mr. Hardik B Pandit	ICISD - 2011	G H Patel College of Engineering and Technology	Vallabh Vidyanagar	24 th – 25 th January 2011	Presentation of Paper	Decision Support system for healthcare based on Medical Palmistry
	4th short term Ph.D. course	UGC Academic Staff College	Vallabh Vidyanagar	1 st -3 rd March 2011	Participated as a Ph.D. Scholar	---

DEPARTMENT OF ELECTRONICS

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Dr.D. Lakshminarayana	UGC sponsored National Conference	V.P. & R.P.T.P Science College, Vallabh Vidyanagar, Gujarat	V.P. & R.P.T.P Science College, VVN, Gujarat	February 18-19, 2011.	Participated and also, functioned as a JUDGE for the assessment of Research Poster Papers	“Recent Trends in Theoretical and Experimental Physics”
Dr.(Ms.) Basumati H.Patel	International Conference on Themes of Higher Education: Prospects of Gujarat	Knowledge consortium of Gujarat & Pandit Deendayal Petroleum University	Gandhinagar	17 th - 18 th Sept.2010	Participant	---
	Knowledge Assets and Its Management in Indian Universities	S.P.Uni	Vallabh Vidyanagar	---	---	---
	IPR Dynamics in Healthcare and Agri Sectors	S.P.Uni	Vallabh Vidyanagar	11.10.2010	Participant	---
	Challenges and problems in implementing Choice Based Credit System (CBCS) at UG level	S.P.Uni	Vallabh Vidyanagar	24.10.2011	---	---
	Participated at the confidential workshop for UGC_NET Examination work at New Delhi	UGC	New Delhi	5.9.2011 to 10.9.2011	Resource Person	---
Dr.(Ms.) Vibha S.Vaishnav	“Annual Conference of	Association of Physicians of India”,	Ahmedabad	6-9 January, 2011	Poster Presentation	“E = MC ² , Scientific basis of

	Association of Physicians of India”, APICON (66 th Annual Conference)	APICON				various Health Systems”
Mr.Paresh B.Patel	A Two Day Workshop on Implementation of the Choice Based Credit System	IQAC, S.P.University and Knowledge Consortium of Gujarat	M.P.Patel Auditorium, S.P.University	22 and 23 -04-2010	Participant	---
	“e-Content Development (NME-ICT)	IQAC,S.P.U and Knowledge Consortium of Gujarat	M.P.Patel Auditorium, S.P.Uni	21-08-2010	Participant	---

DEPARTMENT OF HOME SCIENCE

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Dr.Rema Subhash	International Conference on Recent Trends in Therapeutic Advancement of Free Radical Science & 10 th Annual Meeting of the Society for Free Radical Research India	SFRR Chennai	Chennai	9-11 Jan' 11	Oral Presentation	Determination of Antioxidants in Commercial Fruit Juices Compared to Natural Fruit Juices
Dr. V.H.Patel	National Conference on “ All India association for advancing Research in obesity”	Indian Dietetic Association (Baroda chapter)	Ahmedabad	18-19 March	Participant	---
	International Conference on Recent	SFRR Chennai	Chennai	9-11 Jan' 11	Oral Presentation	Basil-an Antioxidant rich herb for

	Trends in Therapeutic Advancement of Free Radical Science & 10 th Annual Meeting of the Society for Free Radical Research India					formulation of nutraceutical product
Dr.Jisha Elias	Advancing Research in Obesity	Ahmedabad Management Association, Ahmedabad	Ahmedabad	18-19 March	Oral Presentation	Influence of Gut Microflora on Soluble Cd14(Scd14) and Lipopolysaccharide (Lps) in obese mothers
	Molecular Medicines	CHARUSAT	Changa	9-11 Jan	Poster Presentation	Effect of Isoflavone supplementation on antioxidant status and phase II detoxification enzymes in carbon fibers chloride induced hypertoxicity in rats
Ms.Neeta Dave	Workshop on “e-Content development (NME-ICT)”	S.P.University		21/8/2010	Participant	---
	National Conference on “ All India association for advancing Research in obesity”		Ahmedabad	18-19 March	Participant	---
	International conference on “Molecular Medicine”	CHARUSAT	Changa	9-11 Jan	Poster Presentation	Honey supplementation enhance plasma antioxidant status among young females

Dr.Namrita Kola	Capacity Building Need of Trainers in the field of Clothing & Textiles.	M.S. University	Vadodara	4-5/2/11	Participant	---
	“ Research and Data Analysis Using SPSS”	G.H.Patel Post graduate Inst. Of Business Mgt(SPU)	V.V.Nagar	15-16/7/10	Participant	---
	Education for 21 st Century Skills: Choices and challenges	Waymade college of Education	V.V.Nagar	15-16/10/11	Participant	

DEPARTMENT OF MATHEMATICS

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
S.J. Bhatt	International Congress of Mathematicians – 2010	International Mathematical Union	Hyderabad	August 19 to 27, 2010	Presented a paper Chaired a Sectional Session	Differential Structures in C^* - algebras
	National Level Research Meet	Gujarat University	Ahmedabad		Presented a paper. Chaired a session	---
	Research Meet – 2011	Department of Applied Mathematics, MS University of Baroda	Vadodara	January 23, 2011	Invited Talk	Enzyme Kinetics, Quantum Mechanics and Functional Analysis
	76 th Annual Conference	Indian Mathematical Society	Surat	December, 2010	Delivered Prof. Hans Raj Gupta Memorial Award Lecture	---
	Orientation Programme	UGC Academic Staff College, SPU	Vallabh Vidyanagar		Resource Person	Quality in Higher Education
A.B. Patel	International Congress of Mathematicians	International Mathematical Union	Hyderabad	August 19 to 27,	Presented a paper	n-Normal Operators

	ns – 2010 76 th annual conference	Indian Mathematical Society	Surat	2010 Decemb er, 2010	Participation	---
	Research Meet – 2011	Department of Applied Mathematics, MS University of Baroda	Vadodara	January 23, 2011	Invited Talk	k- Generalized Projections and k-normal Operators
	National Level Research Meet	Gujarat University	Ahmedaba d		Invited Lecture Chaired a session	Some Recent Contributions in Operator Theory
	Orientation Programme	UGC Academic Staff College, Sardar Patel University	Vallabh Vidyanaga r	---	Resourced Person	About Orientation Programme
	Orientation Programme	UGC Academic Staff College, Sardar Patel University	Vallabh Vidyanaga r	---	Resourced Person	Research Methodology
R.D. Mehta	National Level Research Meet	Gujarat University,	Ahmedaba d.	---	Chaired a Session	---
	Annual Conference during	of Gujarat Ganit Mandal	Udwada	October -2010	Delivered a Talk	---
D.J. Karia	Orientation Programme	UGC Academic Staff College, Sardar Patel University	Vallabh Vidyanaga r	---	Resourced Person	Lectures on Latex
H.S. Mehta	76 th annual conference	Indian Mathematical Society	Surat	Decemb er, 2010	Participation	---
	Annual Conference during	of Gujarat Ganit Mandal	Udwada	October -2010	---	---
A.H. Hasmani	International Congress of Mathematicia ns – 2010	International Mathematical Union	Hyderabad	August 19 to 27, 2010	Presented a paper Chaired a Sectional Session	Algebraic Computation of Spin Coefficients using Mathematica
	Refresher Course in ICT	UGC Academic Staff College, SPU	Vallabh Vidyanaga r	Decemb er – 2010	Resource Person	Mathematica
	International Conference on Recent Developmen ts in Mathematical Sciences and	Calcutta Mathematical Society	Kolkata	Decemb er 9-11, 2010	Invited Talk Chaired a Session	Newman- Penrose Formalism: Applications and Computation

	their Applications					
	Workshop on Mathematical Relevancies	VS Patel Arts and Science College	Bilimora	December 19, 2010	Invited Talk	Applications of Mathematica
	---	Gujarat Science Academy (VVN Local Chapter)	Vallabh Vidyanagar		Invited Talk	An Invitation to Mathematica - A Computer Algebra System
	Research Meet – 2011 held on	Department of Applied Mathematics, MS University of Baroda	Vadodara	January 23, 2011	Invited Talk	Spin Coefficient Formalism and Lanczos Potential in General Relativity
	One Day Seminar on “Innovations in Collegiate Science Education and Research	VP & RPTP Science College, a	Vallabh Vidyanagar.	---	Invited Talk	Coordinate Systems
H.V. Dedania	International Congress of Mathematicians – 2010	International Mathematical Union	Hyderabad	August 19 to 27, 2010	Presented a paper	Multipliers of weighted semigroups
P.A. Dabhi	International Congress of Mathematicians – 2010	International Mathematical Union	Hyderabad	August 19 to 27, 2010	Presented a paper	Multipliers of weighted semigroups
	Mathematics Meet 2011	Gujarat University	Ahmedabad	3 rd to 5 th February 2011	Presented a paper	Multipliers of weighted semigroups and associated Beurling Banach algebras
S.J. Ghevariya	International Congress of Mathematicians – 2010	International Mathematical Union	Hyderabad	August 19 to 27, 2010	Presented a paper	

DEPARTMENT OF PHYSICS

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Prof. K. N. Joshipura	National IAPT Convention held at Saurashtra University Rajkot	IAPT, Academic Organization	Rajkot	Oct 20-23, 2010	poster –paper	Books, students and teachers – a unique triangular relationship
					Invited to attend IAPT National Executive Committee meeting	
					Convener, Scrutiny Committee of Papers, and Abstracts Book of the Convention	
	Orientation/Refresher Courses	Academic Staff College - SPU	SPU	May - June 2010; March 2011	Resource person	Creativity knowledge, Science & technology
	International Research Meeting/Conference	Asia Oceana Geosciences Society	Convention Centre Hyderabad	July 5-9 2010	Invited talk in the Planetary Science section of International Conference and AOGS Meeting	Electron impact ionization
National/International Research Conference; DAE – BRNS Symposium on Atomic Molecular & Optical Physics	Indian Society of Atomic Molecular Physics & Department of Atomic Energy BARC Mumbai	Karnataka University Dharwad	Feb 22-25 2011	Chaired a research presentation session	---	
Prof. U. H. Patel	39th National Seminar on Crystallography	Department of Physics and electronics University of Jammu	Jammu	Octo. 25-27, 2010	Hydrogen bonding in 5,7-Bis-(4-chlorophenyl)-4-pyrrolidin-1-yl-7H-pyrrolo[2,3-d]pyrimidine	Poster

					Molecular Structure of a Novel Pyrrolo-Pyrimidine Derivative	
	4th Indo- Aus conference on “Biomaterials , Tissue engineering & Drug Delivery Systems.”	Sardar Patel University	Vallabh Vidyanagar	Feb. 10-12, 2011	Synthesis and characterization of nickel, cobalt and iron complexes of a novel biomaterial-antibacterial Sulfaquinoxaline P-8	Poster
	National conference on “Recent Trends in Theoretical and Experimental Physics NCRTEP-2011”	V.P. & R.P.T.P. Science college	Vallabh Vidyanagar	Feb. 18,19, 2011	Synthesis, characterization and biological activity of third polymorph of Sulfamerazine and its transition metal complexes PE-21	Poster
					Crystal structure, Theoretical calculations and Bio assay of 2-(2-chlorophenyl)-5-methyl-4-Phenylamino-2,4-dihydro-pyrazole-3-One PE-24	
					Synthesis, Crystal structure and Quantum chemical studies on 2-Amino-1(4-Bromo-Phenyl)-5-oxo-4, 5-dihydro-1-H-pyrrole-3-carboxylic acid ether ester PE-35	
Prof. P. C. Vinodkumar	National Symposia on High Energy Physics	DAE-BRNS	Jaipur	13-18 Dec. 2010	Talk and Chairing of a session	Semileptonic Decay of B_c meson..
Prof. V. M. Pathak	State level Seminar on	Department of Physics and C.	Department of	4 Februar	Member of executive	---

	Condensed Matter Physics with Nano – Science flavor”	C. Patel Community centre Sardar Patel University	Physics Sardar Patel University	y, 2011	committee	
	UGC sponsored national conference on recent trends in theoretical and experimental physics” organized by, on 18th – 19th February, 2011.	V. P. & R. P. T. P. Science college Vallabh Vidyanagar – 388 120 (Gujarat)	V. P. & R. P. T. P. Science college Vallabh Vidyanagar – 388 120 (Gujarat)	18-19 February, 2011	Participant and worked as expert member for the panel discussions	---
	2 nd Internal conference on signals, systems and automation (ICSSA-2011)	Department of electronics and communication engineering, G,H.Patel college of engineering and technology, V.V.Nagar	G,H.Patel college of engineering and technology, Vallabhvidyanagar	24-25, January, 2011	Participant	---
	One Day Seminar on Innovations in Collegiate Science Education and Research” organized on 8 th January 2011	V.P. and R.P.T.P. Science College	Vallabh Vidyanagar	2011	Woked as judge for the poster competetion	---
Prof. M. P. Dehspande	UGC sponsored State level Seminar of Physics	Shri C.N.P.F. arts & D.N. science college,	Dabhoi	5 th January 2011	Oral	Chemical Synthesis and characterizati on of Lead Sulfide (PbS) nanoparticles and nanocrystalline thin films
	One day Seminar on “ Innovations in Collegiate Science Education	V.P. & R.P.T.P. Science college	V. V. Nagar	8 th January, 2011	Oral	Chemical Synthesis and characterizati on of Lead Sulfide (PbS) nanoparticles

	and Research”(Local level)					and nanocrystalline thin films
	---	---	---	---	Poster	Study on nanoparticles of ZnSe synthesized by chemical method
	---	---	---	---	Poster	CdSe nanoparticles synthesized by chemical route and their characterization
	State level Seminar on Condensed Matter Physics with Nano-Science Flavours	Department of Physics, Sardar Patel University	V. V. Nagar	February 4 th , 2011	Poster	Synthesis of ZnS nanoparticles by Inverse Micellar method and its characterization
	---	---	---	---	Poster	Preparation and Characterization of ZnO nanoparticles using Microwaves
	---	---	---	---	Poster	Synthesis of CuS nanoparticles by wet chemical method
	UGC sponsored National Conference on Recent Trend in Theoretical and Experimental Physics	V.P. & R.P.T.P. Science College	V. V. Nagar	18 th - 19 th February 2011	Poster	Preparation and Characterization of ZnO nanoparticles using Microwaves
	---	---	---	---	Poster	Synthesis of CuS nanoparticles by wet chemical method

	Astronomy, Astrophysics, and Planetary-Space Sciences – an Introductory Seminar	Department of Physics, Sardar Patel University	V. V. Nagar	2 nd March 2011	Participant	---
Dr. K. D. Patel	State level Seminar on Condensed Matter Physics with Nano – Science flavor”	Department of Physics and C. C. Patel Community centre Sardar Patel University	Department of Physics Sardar Patel University	4 February, 2011	Member of executive committee and Presentation of poster	Growth and characterization of e-beam evaporated WSe ₂ thin films and its application in schottky barrier devices
	UGC sponsored national conference on recent trends in theoretical and experimental physics” organized by, on 18 th – 19 th February, 2011.	V. P. & R. P. T. P. Science college Vallabh Vidyanagar – 388 120 (Gujarat)	V. P. & R. P. T. P. Science college Vallabh Vidyanagar – 388 120 (Gujarat)	18-19 February, 2011	Presentation of poster and participant	Characterization of ZnTe Thin Films Deposited at Elevated Substrate Temperatures
	International Symposium on Semiconductor Materials Devices (ISSMD) on 28 th -30 th January, 2011.	M. S. University Baroda, Gujarat state (India)	Department of Applied Physics, M.S. University, Baroda	28-30, January, 2011	Presentation of poster and participant	Temperature dependent I-V characteristic of Ag/p-Sn _{0.2} Se _{0.8} thin films Schottky barrier diode”
	2 nd Internal conference on signals, systems and automation (ICSSA-2011)	Department of electronics and communication engineering, G,H.Patel college of engineering and technology, Vallabhvidyanagar	G,H.Patel college of engineering and technology, Vallabhvidyanagar	24-25, January, 2011	Participant	---
	State Level Seminar on Condensed	Physics Alumni, Association, Department of	Department of Physics,	04/02/2011	Organizing secretary	Structural, optical and transport

	Matter Physics-with Nano-science Flavours (SCMP-11)	Physics, Sardar Patel University and C.C.Patel Community Science Centre, Sardar Patel University. V.V.Nagar	Sardar Patel University, Vallabh Vidyanagar –		Poster presentation	properties of SnSe _{0.5} Te _{0.5} single crystals
	UGC sponsored National Conference on Recent Trends in Theoretical and Experimental Physics-NCRTTEP-2011	Organized by Department of Physics, V.P. & R.P.T.P. Science College, V.V.Nagar and supported by Charutar Vidyamandal, V.V.Nagar	GSET Engineering College, V.V.Nagar	February 18-19, 2011.	Poster presentation	Growth and high pressure studies of GeSe single crystals by vapour transport techniques
	Astronomy, Astrophysics Physics and Planetary-Space Science	Department of Physics, Sardar Patel University and C.C.Patel Community Science Centre, Sardar Patel University. V.V.Nagar	Department of Physics, Sardar Patel University, Vallabh Vidyanagar –	2/3/2011	Organizing Member, Organizing Committee	---
Dr. S. H. Chaki	16 th International Conference on Crystal Growth (ICCG-16)	Chinese Academy of Sciences, National Natural Science Foundation of China, Chinese Ceramic Society and Chinese Association for Crystal Growth	International Convention Center, Beijing	8-13 August 2010	Oral presentation of Paper.	Chemical Synthesis and Characterization of Tin Monosulphide nanoparticles .
	Frontiers of Astronomy, Astrophysics & Space Science	Indian Association of Physics Teachers (IAPT)	Department of Physics, Saurashtra University, Rajkot	21 -23, October 2010	Poster Presentation.	Nanoscience and Nanotechnology – A New Horizon of Physics
	National Conference on Recent Trends in Theoretical and Experimental Physics (NCRTTEP – 2011)	V. P. R. P. T. P. Science College (sponsored by UGC)	GCET Auditorium, Vallabh Vidyanagar	18-19 February 2011	Poster Presentation.	Synthesis of CuS nanoparticles by wet chemical method. Preparation and characterizati

						on of ZnO nanoparticles using microwaves.
Dr. N. K. Bhatt	National Conference on Physics for Tomorrow Advancements in Energy, Environmental Sciences, Materials Science & Biophysics	St. Xavier's College	Ahmedabad	3 - 4 March, 2011	Oral Presentation of the Paper	Pressure induced Ultrasoft Pseudopotential

DEPARTMENT OF STATISTICS

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Prof.Ashok Shanubhogue	One day workshop on "e-Content Development (NME-ICT)"	Sardar Patel University	Vallabh Vidyanagar	August 21, 2010	Participant	--
	Physiotherapy Colleges Student Conference	Shree B.G.Patel College of Physiotherapy	Anand	November 19, 2010	Delivered invited talk	Statistics in Medicine
	State Level Workshop on "Research Methodology in Commerce and Management	Department of Business Studies, Sardar Patel University	Vallabh Vidyanagar	December 2-4, 2010	Delivered invited talk	Designing and Testing of Hypotheses
	4 th Indo-Australian conference on "Biomaterials , Tissue Engineering and Drug Delivery Systems"	Sardar Patel University	Vallabh Vidyanagar	February 10-12, 2011	Participated	--

	One Day Workshop on Content Development of Elective Courses under Choice Based Credit System organized by V.V.Nagar	Knowledge Consortium of Gujarat, Department of Education and Sardar Patel University,	Vallabh Vidyanagar	February 24, 2011	Participated	--
	One Day Workshop on "Challenges and Problems in Implementing Choice Based Credit System(CBCS) at UG Level" organized by,	Examination Reform Unit and Internal Quality Assurance Cell(IQAC), Sardar Patel University	Vallabh Vidyanagar	Thursday 24, March 2011	Participated	---
	26 th GSA National Level Conference on "Recent Application in Statistics"	PG Department of Statistics, Saurashtra University	,Rajkot	March 26, 2011	Deliver an invited	"Biostatistics in Clinical Trials"
	AICTE Sponsored Two days National Seminar on "Application of Biostatistics and Use of Software in Pharmaceutical Research"	Shri. B.M.Shah College of Pharmaceutical Education and Research	Modasa, Gujarat	March 28-29, 2011	Deliver an invited talk	"Biostatistics in Clinical Research"
Dr.J.M.Divecha	AICTE sponsored National Seminar	B M Shah College of Pharmaceutical Education and Research	,Modasa	March 28-29, 2011	Delivered invited talk as resource person	Application of Biostatistics and Statistical Software
Mr.D.P.Raykundaliya	two day workshop on Implementation of the Choice-Based Credit System (CBCS)	Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat, Gandhinagar	Vallabh Vidyanagar	April 22-23, 2010.	Participant	---

		and Sardar Patel University, Vallabh Vidynagar				
	one day workshop for “BISAG Programme (Planning) 2010-11”	Higher Education Department, Government of Gujarat, Gandhinagar	SPIPA, Ahmedabad	July 02, 2010	Participant	---
	one day workshop on “e-Content Development (NME-ICT)”	Sardar Patel University	Vallabh Vidynagar	August 21, 2010	Participant	---
	Two Days Workshop on Preparation of District Human Development Report	Gujarat Social Infrastructure Development Board Society, Government of Gujarat, Gandhinagar	Mahatma Gandhi Labor Institute, Ahmedabad	September 17-18, 2010	Participant	---
	National Workshop on Research Oriented Advanced Statistical Techniques	Indian Society of Mathematics and Mathematical Sciences (ISMAMS)	Gorakhpur, UP	December 23-28, 2010	Participant	---
	Workshop on Patent and knowledge management	Sardar Patel University	Vallabh Vidyanagar	2010	Participant	---

DEPARTMENT OF BUSINESS STUDIES

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Dr. P. K. Rathod	International Seminar	S. D. School of Commerce, Gujarat University and Indian Accounting Association, Gujarat (Ahmedabad)	Ahmedabad	February 12-13, 2011	Co-chairperson in the Session	International Seminar on Changing Paradigm of Accounting & Finance in Global Perspective

		Branch.				
	National Seminar	M.B.A. Department, Sardar Patel University,	Valla Vidyanagar.	March 12, 2011	Chairman in the Technical Session	National Seminar on Managing Development
	Refresher Course	Academic Staff College, Gujarat University, Ahmedabad.	Ahmedabad.	November 30, 2010	Delivered lecture	“Convergence of Indian GAAP with IFRS: An overview”
	UGC sponsored Refresher Course	Academic Staff College, Saurashtra University, Rajkot	Rajkot.	March 10, 2011	Delivered lecture	“IFRS: Challenges and Opportunity”
	Three Day Workshop	Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	Vallabh Vidyanagar	December 2-4, 2010	Workshop Director	“Research Methodology in Commerce and Management”
	UGC- SAP Two Day National Level Seminar	Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	Vallabh Vidyanagar	January 28-29, 2011	Seminar Secretary	“Investors’ Protection: Present Scenario and Future Perspective”
	Round Table Conference	The Institute of Chartered Accountants of India (ICAI), New Delhi, India.	New Delhi, India.	September 26, 2010	Participant	Commerce & Accountancy Education in India: Issues and Challenges
	All India Accounting Conference on “Accounting Education and Research	Thiruvananthapuram, Kerala	Kerala.	November 13-14, 2010	Presentation of Paper	“Corporate Governance Reporting Practices of ICICI Bank and HDFC Bank in India”.
Dr. S. K. Bhatt	International Conference on Knowledge Globalization	Bangladesh University, Bangladesh	Bangladesh	8-10 May, 2010	Presentation of Paper	“Microfinance in India “
	63 rd All India Commerce Conference	GOA University,	GOA	1 st -3 rd October, 2010	Presentation of Paper	“A Study of SEWA in Entrepreneurship Development in Informal sector“

	National Seminar on Management: Current Practices and New Directions	B.J.V.M. S. P. University	V.V.Nagar	27 th Novem ber, 2010	Presentation of Paper	Corporate Governance
	Panel Discussion	Christian College of Management Studies, Anand and Indian Commerce Association, Gujarat Chapter	Anand	7 th January, 2011.	Participation	Media, Society and Business-Corporate points of View
	National Seminar	C. Z. Patel College of Business & Management, S. P. University	V.V.Nagar	25 th January, 2011.	Presentation of Paper	Cost Benefit Analysis of Retail Banking Innovations
	National Seminar	P.G.Department of Business-studies, S.P. University,	V.V.Nagar	January 28-29, 2011.	Presentation of Paper	Historical Perspectives of Investor's Protection
	International Seminar	U.G.C. Sponsored S.D.School of Commerce, G U, Ahmedabad & IAA Gujarat Branch	Ahmedabad	12 th & 13 th Feb, 2011	Presentation of Paper	Principles of Good Corporate Governance
	International Seminar	U.G.C. Sponsored S.D.School of Commerce, G U, Ahmedabad & IAA Gujarat Branch	Ahmedabad	12 th & 13 th Feb, 2011	Presentation of Paper	Reflections On Key Challenges In Transition To IFRS From Indian Perspective
	National Conference	"MANTHAN", Sinhgad Management School,		16 th & 17 th February 2011.	Presentation of Paper	Disclosure of Corporate Governance-Building Investor Protection: Case Studies on INFOSYS Technologies Ltd & RELIANCE Industries
Dr.C. K. Sonara	63 rd All India Commerce Conference Organized	All India Commerce Conference	GOA	1 st – 3 rd October, 2010	Presentation of Paper	Rural Entrepreneurship – Problems and

	By Goa University, GOA.					Prospects: A case Study of Papad Making Industries in Rural Areas of Anand District in Gujarat
	Management: Current Practices And New Directions, Organized By B.J.V.M. V.V.Nagar.- 388120	National Level	B.J.V.M. V.V.Nagar .- 388120	27 th Novem ber, 2010	Presentation of Paper	Corporate Environmental Accounting and Reporting : An Empirical Study of Selected Companies In India
Dr. R.M. Joshi	Commerce Conference	Goa University	Goa	1 st to 3 rd Oct 2011	Presentation of Paper	Women Entrepreneurship in India
	National Seminar	B.J.V.M	V.V. Nagar	27 th Nov 2010	Participation	Management: Current Practices and New Directions
	National Level Seminar	Department of Business Studies, V.V. Nagar	V.V. Nagar	28 th to 29 th Jan 2011	Participation	Investors' Protection: Present Scenario and Future Perspective
Dr. R.M.Rathod	63rd Annual Conference	All India Commerce Association	Faculty of Commerce , Goa University, GOA.	1-3 October 2010	Presented Research Paper	A Study on Awareness among Consumer about the Use of Eco-Friendly Product and About Other Environmental Issue
	Present and Future of Management	All India Commerce Association – Gujarat Brach	BJVM, Vallabh Vidyanagar	27 th Novem ber 2010	Presented Research Paper	Gorilla Marketing
	National Seminar on Managing Development	G.H. Patel Institute of Business Management (MBA)	Sardar Patel University, VVN	12th March 2011	Presented Research Paper	An Empirical Study on Pre and Post Purchase Consumer Risk

						Perception
Dr. Y.M.Dalwadi	Faculty Development Programme in Management	Indian Institute of Management	Ahmedabad	June 7, 2010 to Oct 25, 2010 (111 Days)	Participants	NA
	UGC Sponsored International seminar, organized by, and Indian Accounting Association, Gujarat Branch.	C P Patel and F H Shah Commerce College,	Anand.	13 th March 2011	Participants	“Human Rights: Problems and Prospects
	Changing Paradigm of Accounting & Finance in Global Perspective	S D School of Commerce	Gujarat University, Ahmedabad	February 12-13, 2011	Participant	---
	Training programme on “Leadership and Parliamentary	Junior Chamber International	Vadodara	April 9-10, 2011	Participant	---
D. S. Rohit	Short term course on minor research project (commerce)	Academic staff college, sardar patel university, V.V.Nagar	Academic staff college, sardar patel university, V.V.Nagar	1/7/2010 to 3/7/2010	participant	---
	Refresher course in commerce and mgt	Academic staff college, sardar patel university, V.V.Nagar	Academic staff college, sardar patel university, V.V.Nagar	23/05/2011 to 12/06/2011	participant	---
	Prelude conference on role of panchayat bodies in rural development since 1959.	Indian institute of public administration local v.v.nagar branch in collaboration with ilsaa, V.V.Nagar.	Ilsaa college, V.V.Nagar	13/10/2011	paper contributed and presented	An overview of panchayati raj system in india
	Investors’ protection: present	P.G.Department of business studies, sardar	V.V.Nagar	28/01/2011	paper contributed and presented	*an overview of stock exchanges in

scenario(national level seminar)and future perspective	patel university				india-a study of bse and nse * cg: protective tool for investors against corporate scandals
Empowering women in india: contribute today (one day state level seminar)	Anand commerce college,anand	Anand	26/10/2010	paper contributed and presented	*women empowerment in india and * women empowerment & a study of shgs in india - mwcd and sewa
Indian service sector: present scenario and future perspective (one day state level seminar)	C.Z.Patel commerce college	V.V.Nagar	25/01/2011	paper contributed and presented	E-banking: transforming banking in the electronic era *E-banking: the paradigm shift in a technological transformation era
All india annual commerce conference at goa university, goa , three days national level seminar	All india annual commerce conference at Goa university, Goa	Goa University, Goa	1/10/2010 to 3/10/2010	paper contributed and presented	*Green marketing: the beginning of environmentalism rural and *Entrepreneurship in india: the need recognition
Management: current issues and new directions one day national semina	BJVM	V.V.Nagar	27/11/2010	paper contributed and presented	Ethics in business

DEPARTMENT OF ECONOMICS

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
H.P. Trivedi	Symposia on Youth Cooperative Education	CB Patel Arts College, Nadiad	Nadiad	August, 9, 2010	Chairperson	---
H.P. Trivedi Dr. D. J. Chauhan Sonal Bhatt	State Level Training Workshop on "Status and Issues in Human Development in the Panchmahal District of Gujarat"	Collectorate	Godhra	17 September, 2011	Participant	---
Dr. D. J. Chauhan	State Level One Day Workshop on "Status and Issues in Human Development in the Dangs District of Gujarat"	Department of Economics, Sardar Patel University	Vallabh Vidyanagar	January 20, 2010	Attended	---
Dr. N. M. Patel	State Level One Day Workshop on "Status and Issues in Human Development in the Dangs District of Gujarat"	Department of Economics, Sardar Patel University	Vallabh Vidyanagar	January 20, 2010	Attended	---
Dr. N. M. Patel	State level seminar on rural development in Gujarat	Shri CNPF arts and D.N. science collage,	dabhoi	6 th January 2011	presented a paper	"Gujarat ma gamin vikas mateni vyuhrachnao"
Sonal Bhatt	State Level One Day Workshop on	Department of Economics, Sardar Patel	Vallabh Vidyanagar	January 20, 2010	Presented a paper	Impact of Natural Resources on

	“Status and Issues in Human Development in the Dangs District of Gujarat”	University				Human Development in the Dangs
Sonal Bhatt	State Level Workshop on “ Assessment of Krushi Mahotsav in Gujarat One Day Workshop on “Status and Issues in Human Development in the Dangs District of Gujarat”	IWMI-GIDR	Gujarat Institute of Development Research, Gota, District Ahmedabad.	October 15, 2010	Presented a paper	Impact of Agricultural Extension on Farmers: A Study of Krushi Mahotsav in Dehemi Village of Central Gujarat
Sonal Bhatt	State Level Training Workshop on “Preparation of District Human Development Report”	Directorate of Human Development. Government of Gujarat, Gandhinagar	MGLI, Ahmedabad.	18-19 September 2010	Attended	---
Sonal Bhatt	Sixth Tirath Gupta Memorial Lecture on “Local Government and Natural Resource Management” by Dr. Rabindra Singh, Director, Chhattisgarh State Institute of Rural Development, Raipur	IIM, Ahmedabad	IIM, Ahmedabad	March 24, 2010	Attended	---
Dr. D.G. Ganvit	State level seminar on rural development in Gujarat	Shri CNPF arts and D.N. science collage,	dabhoi	6 th January 2011	Attended	---
J. K. Barot	State level seminar on rural	Shri CNPF arts and D.N. science collage,	dabhoi	6 th January 2011	Attended	---

	development in Gujarat					
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DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Dr.Y.C.Joshi	Managing Development	Sardar Patel University	Anand	12-03-11	Convener of Seminar	Managing Development
	e-content Development	Sardar Patel University	Anand	21-08-10	e-content Development	Participated
	CSR	Humboldt University zu Berlin	Berlin Germany	22-24/09/2010	Paper presented by co-author	CSR at Amul, Anand
Dr.P.K. Priyan	International Corporate governance, Beyond Boundaries	IPE Hyderabad and University of Waikato management School, New Zealand	Hyderabad	11-12/12/2010	Presented Paper	Corporate Government and Voluntary Diselosure
Mr. K.S. Prasad	Strategic Management, Foundation Course	IIM,Lucknow	Lucknow	18-23 October 2010	Participant	Strategic Management, Foundation Course
	Managing Strategic Incoherence	IIM,Lucknow	Noida Campus	7-12 March 2011	Participant	Strategic Incoherence
Dr. A.C. Mehta	International Seminar on Changing paradigm of Accounting and Finance in global perspective.	Indian Accounting Association and S.D. School of Commerce, Ahmedabad.	Ahmedabad Gujarat	Feb 12-13 2011	Presentation of Paper	IFRS Adoption: Difficult by Indian Organisation in 2011
	Strategic Accounting for Control and Governance	T.A. Pai Management Institute	Manipal (Udupi) Karnataka	March 10-12 2011	Presentation of paper	IFRS Adoption: Difficult by Indian(Power Sector) Organisation in 2011

DEPARTMENT OF SOCIOLOGY

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Dr. J M Trivedi	Seminar on Social Evolution of Gujarat State over last 50 years.	Dept. of Sociology, Gujarat Uni.	Ahmedabad	05/03/2011	Chair Person	---
	Workshop on Methodology in Social Science Research	CSS	Surat	23/02/2011	Resource Person	Hypothesis in Social Research
	Seminar on Development Communication Skills in New Millennium	Sahjanand College of Commerce, Management & Social Work	Bhavnagar	13/02/2011	“	Communication and Social Science Research
	Conference on Socio-Political Issues in Indian Society	Dept. of Sociology, Bhavnagar Uni.	Bhavnagar	26/06/2010	Key Note Address	Contemporary problems and prospects of development
	International Round Table of Academic Institutions	KCG, GoG	Gandhinagar	10/01/2011	Participant	---
Mr. P M Parmar	Seminar	Dept. of Political Sci., SPU	VVN	03/03/2011	Paper Presentation	Changing forms of Untouchability in Gujarat
Dr. R H Makwana	Global Warming	Gujarat Vidyapith	Ahmedabad	11-13, April 2010	Paper Presentation	Socio-economic stress of climate change on life and living
	Higher Education	GOG	Gandhinagar	25-26 Nov. 2010	Participant	---
	Indigenous People	Govt. College	Bansvada, Rajasthan	19-20, Nov,	Paper Presentation	Evil of Indigenous

				2010		People in Global Area
	All India Sociological Conference	ISS	Cuttack	27-29 Dece, 2010	Paper Presentation	Condition of Tribal Women's Human Rights
	Climate Change	Govt. College	Gwalior, MP	18-19, Dece 2010	Paper Presentation	Impact of Climate Change on Human Health
Dr. I M Macwan	National Seminar	Anand Arts College	Anand	12-13 March 2011	Paper Presentation	Modern Youth and Their treatment of old people
	State Level Seminar	Gujarat University	Ahmedabad	5 march 2011	Paper Presentation	Social Analysis of Gujarat
	Seminar	Dept. of Political Sci., SPU	VVN	3-4 March 2011	Resource Person	Anusuchit Jatini Streeo ane Atyachar Nivaran Adhinyaman - 1989 ni Jogvayi
	Seminar	Dept. of Sociology	VVN	10/02/2011	Participant	---
	Seminar	---	VVN	25 sept 2010	Paper Presentation	The role of women in Panchayati Raj
	Seminar	Babasaheb Ambedkar Adhyayan Ekam Prkalp	VVN	11 oct 2010	Paper Presentation	Babasaheb Ambedkar and Indian Constitution

DEPARTMENT OF HISTORY

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Prof.J.M. Pandya	“Traditinal Institutions in indian History:With	U.G.C. & PG Dept.Of History S.P.Uni.	V.V.Nagar	25-11-11	Worked as a Director of the Seminar	---

	Special Reference to Gujarat''					
	''South Gujarat Itis Parisad	R.P.Patel Arts College Vyara	Vyara	30-1-11	Participant	---
	'' one day State Level Student Oriented Seminar	N.S.Patel Arts College Anand	Anand	1-1-11	Work As a Resource person	---
	Census Operations:2011	P.G.Dept of Sociology S.P.Uni.	V.V.Nagar		Participant	---
	Efforts Taken For the Upliftment During the 19 th & 20 th Centuries for the Women,Dalit & Tribals of Gujarat''	R.P.Patel Arts College Vyara	Vyara	5-3-11	Presented a Research Paper Entitled ''Organizations in Haenced by Indian traditions in Social Refeform Movement in Gujarat.	---
	Relevance of Gandhian thoughts in 21 st Century	P.G.Dept.Of History Guj.uni.A'bad	Ahmedabad	9-3-11	Presided over the Session.	---
	Kathivadi Horses in Historical Perspective''	P.G.Dept.Of History Saurashtra uni.Rajkot	Rajkot	28 & 29-3-11	Presided over the Session.	---
	Challenges and Problems in Implementing Choice Based Credit System (CBCS) At U.G. Level	Jointly ERU & IQAC S.P.uni. V.V.Nagar.	V.V.Nagar	24-3-11	Participated in the Workshop	---
Dr.D.C.Chau dhari	Traditional institutions in Indian History:With Special Reference to Gujarat	U.G.C and P.G.Dept.Of History	V.V.Nagar	25-1-11	Worked As a Co-Ordinater	---
Dr.Hemant Dave	National Four thinkers:Wast & West	Pharbas Gujarati Sabha Uni Of Bombay	Mumbai	26-2-11	R.P	Derrida

DEPARTMENT OF PSYCHOLOGY

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Dr. S.M Makavana	98 th Indian science congress Association international conference	Indian Science Congress Calcutta- W.B	At-Chennai	3 to 7 January -2011	Paper presentation	A study of An Age, Tenure of experience , type of supervision and nature of family of non-technical employees among different types organizations
	The book is true friends of man	Vanche Gujarat	N.S.Patel Arts College, Anand	---	Participation of Group	Discussions of Group Responsibilities
	Counseling in career development	Department of Psychology Gujarat University	Department of Psychology Gujarat University	---	Participation	paper presentation is nil
	Knowledge consortium of Gujarat	IQAC-S.P.Uni. Vallabhvidyana gar	M.P.Patel Auditorium.	21-08-2010	Participation	paper presentation
Dr Samir J Patel	Mental health	Veer Narmad Univewrsity	Dharmpur	15&16/1/2010	Resource person	---
Dr. Sangita N pathak	Mental health	Veer Narmad Univewrsity	Dharmpur	15&16/1/2010	Chair person	---
	---	St. Xavier's Collage, Goa	Goa	24-25 september 2010	paper presentation	Frustration & Alienation among supervisory and management cadre personnel in organization
Dr. Pankaj Suvera	Census operation	Department of Sociology, S.P.University	V.V.Nager	10/2/2011	Participants	-

DEPARTMENT OF LIBRARY INFORMATION SCIENCE

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Prof. U. A. Thaker	Preparing new generation librarians for meeting future challenges	Adinet & Inlibnet	Ahmedabad	7 th August 2010	Resource person	---
	UGC Work Shop	UGC	Delhi	Dec.- 2010 March- 2011	Participant	---
	UGC Workshop	UGC	Pune	May – 2010 August – 2010	Participant	---
	GSLET Workshop	UGC	Baroda	June- 2010 November- 2010	Participant	---
Dr. N.D. Oza	Preparing new generation librarians for meeting future challenges	Adinet & Inlibnet	Ahmedabad	7 th August 2010	Participant	---

DEPARTMENT OF POLITICAL SCIENCE

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Dr. Baldev Agja	Orientation Programme	Baysag Studio, Gandhinagar	Gandhinagar	19/04/2010	Participant	Karmayogi Talim

	Guidance					Training Std. 8, 9 & 10 Module Training Instructions Teacher training On-Air and Off-Air
	Workshop on Implementation of Choice Based Credit Scheme	M.P. Patel Auditorium, Sardar Patel University, Vallabh Vidyanagar	V.V. Nagar	22-23 April 2010	Participant	Workshop on Implementation of Choice Based Credit Scheme Knowledge Consortium of Gujarat Department of Education, Gandhinagar
	Orientation Programme	Prajapita Bramakumari Anubhutihdam Jadeshwar Chowkdi, Bharuch	Bharuch	28,29 & 30 April, 2010	Key-Resource Person	Std. 8, 9 & 10 Social Science Subject Orientation Programme Key-Resource Person Training by Resource Person School Teacher
	UGC Sponsored State Level Seminar	Post-Graduate Department of Sociology, Bhavnagar University	Bhavnagar	26 & 27 June, 2010	Paper Presented	“Gujaratma Panchayati Rajna Prashno ane Padkaro”
	Lecture	Higher Education Commissioner, Gandhinagar, Bhashkryacharya Institute Space and Geo Informatics (BISAG), Gandhinagar (Gujarat State)	Gandhinagar	12/8/2010	Subject Expert	Introduction of Panchayati Raj in India
	Workshop	M P Patel	V.V.	21/8/20	Participant	e-Content

	Auditorium, Sardar Patel University, Vallabh Vidyanagar	Nagar	10		Developme nt (NME- ICT)
Viva-Voce Examination for Ph.D Degree	Veer Narmad South Gujarat University, Surat Department of Public Administration	Surat	28/8/20 10	Subject Expert	Viva-Voce Examinatio n for the award of Ph.D. Degree in the Subject of Political Science of Mr. Ashok B. Purohit
G.C.E.R.T.	G.C.E.R.T. granted by C.T.E. College – M.B. Patel College of Education, Vallabh Vidyanagar	V.V. Nagar	29/8/20 10	Subject Expert	“Success and Growth of Students in Social Science” – “Nagriksash tranu Sikshan”
GPSC Training Class for ST Catagorie Students	Employment Bureo Office, V.V. Nagar Govt. of Gujarat	V.V. Nagar	14/9/20 10	Visiting Lecture	Indian Constitute
Swarnim Gujarat Gyandhara	Anand Arts College, Anand	Anand	16/9/20 10	Expert Guest Lecture	Current Issues of Gujarat Swarnim Gujarat Gyandhara
One Day Prelude Conference	N.S. Patel Arts College, Anand	Anand	18/9/20 10	Paper Presented	Indian institute of Public Administrat ion Local Branch, Vallabh Vidyanagar & Gujarat Economic Association (GEA) Sponsored One Day Prelude Conference on “Reservatio n for Inclusive Growth.”

National Seminar	N.S. Patel Arts College, Anand	Anand	19/9/2010	Participant	Indian Council of Social Science and Research (ICSSR)- New Delhi and Indian Economic Association (IEA) Sponsored National Seminar on "Impact of Globalization and Recession on Social and Economic Inequalities in India."
Inaugural Function of the Seminar	PG Department of Sociology, Senate Hall of Sardar Patel University Vallabh Vidyanagar	V.V. Nagar	25/9/2010	Participant	Women & Governance
U.G.C. Sponsored National Seminar	Department of Social Work, N.S. Patel Arts College, Anand	Anand	9 th & 10 th Oct. 2010	Participant	Human Rights in India: Challenges and Implications
State Level Seminar	Department of Sociology, Sardar Patel University, Vallabh Vidyanagar	V.V. Nagar	11/10/2010	Paper Presented	Seminar Sub: "Dr. Ambedkarnu Bhartiya Samajma Yogdan" Dr. Babasaheb Ambedkar Chair, Sardar Patel University, Vallabh Vidyanagar Paper Sub: Concept of Dr. Babasaheb Ambedkar about

						Human Rights in India
U.G.C. Expert Committee Member	Kannur University, Kerala	Kerala	18/10/2010	Committee Member		Attended Re-constituted Planning Board 1 st meeting on 18 th October 2010 (Monday)
National Seminar	Department of Social Work, Sardar Patel University, Vallabh Vidyanagar	V.V. Nagar	22/10/2010	Participant		Human Rights & Social Work Response in the New Millennium – Indian Context
State Level Seminar	Adivasi Talim Kendra, Gujarat Vidyapith, Ahmedabad-9	Ahmedabad	24/10/2010	Invited Chief Guest Paper Presented		“Implimentation of Atrocity Act in Gujarat State”
U.G.C. Expert Committee Member	Malankara Catholic College, Mariagiri, Kaliakkavilai Post, Kanyakumari District-629 153 (Tamil Nadu).	Kanyakumari	12 th -13 th November, 2010	Committee Member		Member of the Expert Committee to evaluate the performance and academic attainments for the conferment of fresh autonomous status to the Malankara Catholic College, Mariagiri, Kaliakkavilai Post, Kanyakumari District-629 153 (Tamil Nadu).
National Seminar	Dr. B.R. Ambedkar Studies Centre, Faculty of	Vadodara	13 th – 14 th December, 2010	Paper Presented		Sub: “India@63: Mainstreaming

		Social Work, The Maharaja Sayajirao University of Baroda, Vadodara-390 002				Marginalize d Segments” Paper Subject: Babasaheb Dr. Bhimrao Ambedkar : Rashtra Seva
	U.G.C. Sponsored Equal opportunity centre Inaugural Function	N.S. Patel Arts College, Anand	Anand	21/12/2 010	Expert Guest Lecture & Inaugural Centre	U.G.C. Sponsored Equal opportunity centre for SC/ST/OBC and Minority inaugural speech given by Dr. Baldev Agja Sub: Schemes of Developme nt of the Wicker Sections in Gujarat State
	National Workshop	ICSSR, New Delhi and Centre for Social Studies, Surat	Surat	29 th – 30 th Decemb er, 2010	Paper Presented	National Workshop on “A Comparativ e Perspective on the Ground Realities in PESA Implementa tion in the States of Orissa and Gujarat” Sub: Gujarat: Panchayats Extention to the Scheduled Areas (PESA) and Gram Sabha

Training Programme	Padra, Dist.- Vadodara	Vadodara	13/01/2011	Expert Guest Lecture	Duties of Gram Panchayat members and information of other committees
Workshop	K.S.K.V. Kachchh University, Bhuj (Kachchh) – 370 001	Bhuj	18/01/2011	Invitee Member of Board of Studies	Implimentation of undergraduate level CBCS – F.Y.B.A. syllabus of Political Science workshop.
Member of LIC (Local Inquiry Committee)	IELSAS, V.V. Nagar & J.M. Patel Arts College, Anand N.S. Patel Arts College, Anand – Master of Public Administration Department	V.V. Nagar & Anand	19/01/2011	Member	Local Inquiry Committee in Sardar Patel University subject to Political Science.
Debate	N.S. Patel Arts College, Anand	Anand	20/01/2011	Debate Judge	: “Su Brashtachar damvama mishra sarkar avrodhak che?”
Seminar	Department of Political Science, Nalini Arvind & T.V. Patel Arts College, V.V. Nagar	V.V. Nagar	22/01/2011	Subject Expert Lecture	“Gujarat: Vyaktiaksh i Sahay Karyakramane Yojanaoni Ruprekha”
Pratibha Sanman Samaroh	Kodinar Taluka Dalit Jagran Yuva Sangathan, Kodinar, Dist.- Junagadh Venue: Dr. Babasaheb Ambedkar Saikshanik Sankul, Veraval By-pass Road, Kodinar	Kodinar	23/01/2011	Invited Chief Guest	“Eklavya Pratibha Sanman Samaroh”

V.C. Nominee Member, S.P. University	Department of Social Work, Sardar Patel University, Vallabh Vidyanagar	V.V. Nagar	27/01/2011	Project Fellow	Project Fellow under the Major Research Project of U.G.C. in Department of Social Work Selection Committee Member
State Level Seminar	Department of Sociology, Sardar Patel University, Vallabh Vidyanagar & Directorate of Census Operations, Gujarat Sponsored Seminar	V.V. Nagar	10/02/2011	Participant	CENSUS OPERATIONS : 2011
Training Programme	Muval College Campus Ta-Padra, Dist.-Vadodara	Vadodara	11/02/11	Expert Guest Lecture	Duties of Gram Panchayat members and information of other committees
Ashprushyata Nivaran Seminar	Police Community Hall, Vaishali Cinema Road, Nadiad Dist.-Kheda	Kheda	21,22 Feb. 2011	Session Chairman	Samajik Nyay ane Adhikarita Vibhag, Gandhinagar na sahiyog thi Shri Girnari Nari Seva Charitable Trust Ayojit Ashprushyata Nivaran Seminar
Workshop	M.P. Patel Auditorium, Nr Physics Department, Sardar Patel University, Vallabh Vidyanagar	V.V. Nagar	24/02/2011	Participant	“One Day Workshop on Content Development of Elective Course under choice

						Based Credit System”
State Level Seminar	Social Justice and Empowerment Department, Gandhinagar, Gujarat State and Post-Graduate Department of Political Science, Sardar Patel University, Vallabh Vidyanagar Venue: M.P. Patel Auditorium, Sardar Patel University, Vallabh Vidyanagar	V.V. Nagar	3,4 March 2011	Seminar Director	Two Day State Level Seminar on “Removence ss of Untouchability”	
Conference	Venue: H.R. Shah Mahila Arts and Commerce College, Navsari	Navsari	5,6 March 2011	Paper Presented	16 th conference organized by Gujarat Rajyashastra Mandal, Ahmedabad and hosted by H.R. Shah Mahila Arts and Commerce College, Navsari	
Seminar	Anand Institute of Information Science Venue: Bhaikaka Hall, SRKSM Campus	SRKSM Campus	11/03/2011	Participated	NAAC Sponsored Two Days Seminar on Impact of e-Learning in Quality of Teaching	
National Seminar	Organized by: Anand Arts College, Anand Venue: Ramkrishna Seva Mandal Campus, Anand	Anand	12/03/2011	Participated	UGC Sponsored National Seminar on Social Aspects of Old Age	
Workshop	Organized by:	V.V.	23/03/2	Participated	A Day-long	

		Sardar Patel University, Vallabh Vidyanagar Venue: M.P. Patel Auditorium, Sardar Patel University, Vallabh Vidyanagar	Nagar	011		Workshop on “Challenges and Problems in Implementing Choice Based Credit System (CBCS) at UG Level”
	Seminar	Organized by: Social Justice and Empowerment Department, Gandhinagar, Gujarat State and Gujarat Vankar Seva Samaj and Dr. Ambedkar Study Centre, Faculty of Social Work, M.S. University, Baroda Venue: Dr. I.G. Patel Auditorium, Social Work Faculty, M.S. University, Baroda	Baroda	26/03/2011	Session Chairperson	Two Day State Level Seminar on “Implementation of the Atrocities Act”
	National Conference	Organized by: Department of Public Administration, Veer Narmad South Gujarat University, Surat Venue: Social Science Bhavan, Veer Narmad South Gujarat University, Surat	Surat	27/03/2011	Session Chairperson	National Conference on “Governance and Administration in Gujarat: Retrospect and Prospect”

DEPARTMENT OF HINDI

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Dr.N.K.C	Refresher Course	Aurangabad Uni.	Au'bad.	1,2-8-10	Resource Person	Bhartiya Natya Parampara Aur Natya
	Workshop	Semcom	V.V.N.	7-8-10	Resource Person	Rangmunch Ke Madhyama Se Menejment
	Workshop	Dhangndra Coll.	Dhangdra	16, 17-8-10	Drama Expert	Drama Workshop
	Seminar	Sndt	Bhavnagar	25-8-10	Resource Person	How To Teach Drama
	Seminar	G'nagar	G'nagar	19-12-10	Resource Person	Shamsher Ki Kavita Mein Natkiyata
	Int. Seminar	Mum. Uni.	Mumbai	1,2,3 Jan 11	Resource Person	Hindi Natak Dasha Aur Disha
	Orientation Course	Au'bad	Au'bad	7,8 Feb 2011	Resource Person	Hindi Natak Rangmunch Ke Dharatal Par
DR. D.S.T	Workshop-Cbcs	S.P.U	V.V.N	22,23 April 2010	Participant	---
	Workshop-Cbcs	S.P.U	V.V.N	24 Feb. 11	Participant	---
	Workshop-Cbcs	S.P.U	V.V.N	24 Mar. 11	Participant	---
	Workshop-Ugc	Ugc	New Delhi	28 Mar 11	Participant	---
	Refresher Course	Ugc-C.R.Gardi Acadmic Col. Rajkot	Rajkot	17 Mar 11	Resource Person	---
	Seminar	Hindi Dept. Spu. V.V.N	V.V.N	27 Dec. 10	Resousce Person	Praudhyogi ki Aur Bhasha Shikshan
	Seminar	Ugc, C.B.Patel Coll.	Nadiad	1 Jan 11	Rexouse Person	Samaj Vyavastha

						Aur Atankvad
	Seminar	U.G.C – H.P.Arts Col.	Talod	3 Jan 11	Chair Person	Hindi Gujarati Sahitya Mein Dalit Chetna
	Seminar	Ugc – A&C Co. Dehegam	Dehegam	8 Jan 11	Chair Person	Kabir Sahitya
	Seminar	Ugc- A&C Co.	Patan	10 Jan. 11	Chair Person	Premchando tter Katha Sahity Mein Dalit Chetana
	Seminar	G'nagar	G'nagar	23 Jan 11	Resource Person	Hindi Katha Sahity Men Dalit Vimarsh Sahitya Akadami
	Seminar	Ugc – Mtb Colle.	Surat	1 Mar 11	Chair Person	Adivashi Hindi Upanya
	Seminar	Sahitya Akadami	G'nagar	11 Mar 11	Participant	Vanvasi Sahitya Sanvad
	Seminar	Ugc – M.S.Uni	Baroda	15 Mar 11	Resource Person	Ekkisavin Sadi Ki Kavita
DR. M.M.S	Examination Workshop	Bhavnagar Uni.	Bhavnagar	17 Spe. 10	Participant	---
	Seminar	S.P.Uni	V.V.Nagar	27 Dec. 11	Participant	Prodyogiki Aur Bhasha Shikshan
	Seminar Sahitya Ke Prajatantra	Ugc – U.A.Coll.	Anand	29 Jan 11	Paper Presentation	Angliyaat
	Seminar Vanvasi Sahitya	Ugc – A.Coll	Idar	11 Mar 11	Paper Presentation	Raat Khestra..
	Seminar	A.College	B'sinor	18 Mar 11	Paper Presentation	Smdoor Ki
DR. K.J.T	Seminar	Hindi Dept. S.P.Uni	V.V.Nagar	27 Dec 10	Chair Person	Bhasha Sikshan Cunoutiya Aur Samasyayen
	Seminar	Hindi Sahitya Acadmi	N.S.Patel Anand	3 Jan 11	Resource Person	Hindi Mahila Kathakaro Mein Nari- Vimarsh
	Seminar	Ugc – A&C College	Upleta	12 Feb 11	Resource Person	Sahitya Aur Samaj
	Seminar	Ugc – C.B.Patel	Nadiad	6 Mar	Resource	Corotempro

				11	Person	ry Literature And Global Perspective
	Seminar	Ugc – M.S.Uni	Baroda	15 Mar 11	Resource Person	21vi Sadi Ki Kavita : Samkalin Sarokar Evam Samvedna Ke Swar
DR. H.M.P	Seminar	Hindi Dept. S.P.Uni.	V.V.Nagar	27 Dec 11	Participant	Bhasha Sikshan Cunoutiya Aur Samasyayen
DR. K.V.B	Seminar	Hindi Dept S.P.Uni.	V.V.Nagar	27 Dec 11	Participant	Bhasha Sikshan Cunoutiya Aur Samasyayen

DEPARTMENT OF SANSKRIT

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Prof.Ajit Thakor	Srimad Bhagvat	Sandipni Gurukul Porbandar	Porbandar	8/2/11 to 10/2/11	Presantation of Paper	Pruthu charita of Srimad Bhagvat
	Litrary thory	Dept.of English s.p.uni	V.V.Nagar	17/18-03-11	Presantation of Paper	Rasa Dhawani& Vakroti
	Research Methodology Languages	Academic Staff College Rajkot	Rajkot	11-03-11	Resource Person	Research in Sanskrit Litrature
	Sankrit Drama	Somanath Sanskri uni. Varaval	Veraval	07/12/10	Presantation of Paper	Datridra Charudatta New Interpretation
	Comparative literature	Academic Staff College	Ahmedabad	31/03/11	Presantation of Paper	Comparative Study of Vakrokti & Rifiwipstylistics

DEPARTMENT OF GUJARATI

Name of the Teachers	Theme of the Seminar/ Conference/ Workshop/ Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/ Poster/ Participant etc.)	Title of the Paper/ Poster
Prof. B. R. Brahmbhatt	Gulabdas Brokerni Vartao	STDT Uni	Mumbai	12-10-2010	Presented a paper	---
	Sahityani Vibhavana	Kutch Uni	Bhuj	5-10-2010	Presented a paper	---
	Kavyani Vibhavana	Kutch Uni	Mandvi	6-10-2010	Chair Person	---
	Sudharak Yug - Pandit Yug	SPIPA	Gandhinagar	8-7-10	Presented a Paper	---
Prof. P. D. Pandya	Madhya Guj Adhyapak Sangh	Madhya Guj Adhyapak Sangh	V. V. Nagar	16-8-2010	Participation	---
	Linguistics Workshop	Mysor NLP	V. V. Nagar	Jan 2011	Organizor	---
	Suresh Joshi : Seminar	Akadami Ahmedabad	V. V. Nagar	Dec 2010	Participation	---
Prof. Param Pathak	Sri Aurobindo's Vision and Global Perspective	M. S. University	Baroda	21-10-2010	Presented a paper	Life Enrichment Course : A Need in Uni. Edu. System
	Manuscriptology	Academic Staff College	V. V. Nagar	29-11-2010 to 1-12-2010	Participation	---
	Natural Language Processing	Institute of Indian Languages, Mysore	V. V. Nagar	17-1-2011 to 20-1-2011	Participation	---
	Umashankar Joshi	Guj. Sahitya Akadami & Arts College Santrampur	Santrampur	21-1-2011	Resource Person	Diary of Umashankar Joshi
	Cultural perspective of Sudharak Yug	M. S. Uni	Baroda	24-1-2011	Presented a paper	Cultural Context of Criticism of Sudharak Yug
	History of Gujarati Folk Literature	Gujaratino Adhyapak Sangh	Khedbrahma	6-2-2011	Resource Person	Gujarati Folktale

	(Annual Conference)					
	Folk Arts of Gujarat	M. S. Uni.	Baroda	14-3-2011	Presented a paper	Folk Arts of Gujarat

(3) LECTURES ORGANIZED BY THE UNIVERSITY

(A) Shri Ishwarbhai Ambalal Patel (Shertha) Visiting Professor/Fellow Programme:

Statement showing the expenditure incurred during the year 2010-11 towards "I.A.PATEL (SHERTHA) Visiting Professorship Programme" for the Departments of : (1) Physics, (2) Bio-Sciences, (3) Materials Science, (4) Mathematics, (5) Business Studies, (6) Gujarati, (7) Computer Science (8) M.B.A.

No.	Name of the Department	Name & Address of the experts/ eminent persons invited	Topics/Subject of Lectures delivered	Date of Lecture arranged
1.	Physics	Prof. Ashok Das, Department of Physics, Rochester University, U.S.A.	Pseudohermitian Hamiltonians	18-12-2010 (2 Lects.)
		Dr. Anil Bhardwaj Space Physics Laboratory, Vikram Sarabhai Space Centre, ISRO, Trivandrum	The Solar System and Science from the Chandrayaan-I Mission	6-01-2011
		Prof. Alexander Kluge, Scientist, CERN, Geneva, Switzerland.	Electronics at the large Hadron Collider Experiment	25-01-2011
		Prof. S.V.G. Menon Head, Theoretical Physics Division, BARC, Mumbai	(1) State of Matter at extreme conditions (2) Phase transitions and Critical Phenomena	4-2-2011 & 5-2-2011 (2 Lects.)
2.	Bio Sciences	Dr. Har Darshan Kumar, Banaras Hindu University, Varansi	Algel Biotechnology	24-01-2011
		Dr. Issac Thomas, Sr. Faculty, St. Berethman College, Kottayam, Kerala	Ocular Bio Chemistry- Caterair	1-02-2011
		Dr. K. Balaji Krishmachari, Scientist, John Hopkins University, Baltimore, U.S.A.	From Callus to Cancer	23-02-2011
3.	Materials Science	Dr. D. Kundu, Deputy Director CGCRI, Kolkatta	Sol-Gel Science and Applications	5-08-2010 (2 Lects.)
		Dr. G. Sundrajan, ARCI, Hyderabad	Nanotechnology- Laboratory to Market Place	22-03-2011
4.	Mathematics	Prof. H.G. Dales, Department of Mathematics, University of Leeds U.K.	Multi-norms and the Injectivity of LP(G)	12-08-2010 & 13-08-2010 (2 Lects.)
5.	Business Studies	Dr. D. J. Danak, Nirma Institute of Management, Nirma University Ahmedabad	(1) Management Control System (2) Risk and uncertainly in Capital Budgeting	27-09-2010 (3 Lect.)

6.	Gujarati	Dr. Chandrakant Topiwala Retired Professor, D/6, Purveshwar Flat, Gulbai Tekra, Ahmadabad-15.	(1) Umashankar Joshi: Sarjak Vyaktitva (2) Umashankar Joshi: Kavi Pratighya	21-07-2010 (3 Lects)
		Dr. Chandrakant Sheth 9 B, Purneshwar Flats Gulbai Tekra Ahmadabad -15.	Nanalal Janma Uccher	08-09-2010
		Dr. Yogendra Vyas Retired Prof. Gujarat University Ahmedabad	(1) Gujarati Bhasanu Mahatva and Sahityama ano Viniyog (2) Gujarati Grammer	27-01-2011 (2 Lect.)
		Prity Sengupta, 'Krutu', Chunilal Chinai Road, Ahmedabad - 6.	(1)Sahityama Nari Savendna (2) Experience of World Tour	11-02-2011 (2 Lect.)
7.	Computer Science	Mr. Ravikumar Institute of Biological Science Vijaywada Hyderabad	Molecular Modling & Drug Designing	22-09-2010 & 23-09-2010 (3 Lects)
		Shri.Dipak Ray, 28, Subhadra Park, B/h. Utkarsh Vidyalaya, Race Course Vadodara - 390 007.	Information Security	28-01-2011
8.	MBA	Prof. (Dr.) G.L. Dave Director Gardi School of Management Programme Rajkot	Corporate Governance	1-01-2011
		Shri Chirayu C. Dave Assistant Controller Chevron Oil Coron San Ramon, U.S.A.	Derivatives & Its Application	28-01-2011 & 29-01-2011 (3 Lects)

(B) UGC SCHEMES

(I) GRANT SANCTIONED BY THE UNIVERTSITY GRANTS COMISSION, NEW DELHI

- 1) University Grants Commission, New Delhi has sanctioned Innovative Programme to the P.G. Department of Home Science for the period of 5 years (01.04.2010-31.03.2015) with the total grants of Rs. 58.00 Lacs. with one lecturer post.
- 2) University Grants Commission, New Delhi has sanctioned Special Assistance Programme at the level of DRS-I to the Department of Home Science for the period of 5 years (1.4.2010-31.3.2015) with the total grants of Rs.75.00 Lacs.

(II) COMMISSION HAS APPROVED VARIOUS MAJOR/MINOR RESEARCH PROJECT TO THE UNIVERSITY TEACHERS AS SHOWN UNDER:-

MAJOR RESEARCH PROJECT

No.	Name of the Teacher	Title of the Project	Period	Rs. (Lacs)
1	Dr. J.S.S.Mohan BRD School of Biosci.	"Induction of system elicitors"	1-2-2011 to 31-1-2014	9.61
2	Dr. G.K.Solanki Department of Physics	"Studies on well opto- electronic devices"	1-2-2011 to 31-1-2014	4.95
3	Dr. Sonal Bhatt Department of Economics	"Exploration of of Gujarat"	1-2-2011 to 31-7-2012	1.25
4	Dr. N.J.Parmar Department of Chemistry	"Synthesis of reaction"	1-2-2011 to 31-1-2014	7.38
5	Dr. Bigi Thomas Department of Social Work (M.S.W.)	"Impact of NREGA Gujarat State"	1-2-2011 to 31-1-2013	4.91
6	Dr. M. Natraj BRD School of Biosci.	"Micro propagation of endemic palm"	1-2-2011 to 31-1-2014	7.04
7	Dr. H.S.Patel Department of Chemistry	"Decolorization industries effluents"	1-2-2011 to 31-1-2014	8.64
8	Dr. S.H.Chaki Department of Physics	"Preparation..... devices"	1-2-2011 to 31-1-2014	
9	Dr. V.R.Thakkar BRD School of Biosci.	"Characterization of natural as per gillus niger"	1-2-2011 to 31-1-2014	10.61
10	Dr. V.H.Patel Department of Home Science	"Development of Indian foods"	1-2-2011 to 31-1-2014	10.65
11	Dr. S.S.Bhatt BRD School of Biosci.	"An investigation of fermentation"	1-2-2011 to 31-1-2014	6.69
12	Dr. M.P.Patel Department of Chemistry	"Studies of new industrial waster water"	1-2-2011 to 31-1-2014	7.00
13	Dr. Y.M.Dalwadi Department of Business Studies	"Adoption of Tech. problems prospects"	1-2-2011 to 31-7-2012	0.95
14	Dr. A.C.Mehta Department of M.B.A.	"Corporate governance companies in India"	1-2-2011 to 31-1-2013	5.80
15	Dr. Raju M. Rathod Department of Business Studies	"Metrics Linking..... sector banks"	1-2-2011 to 31-1-2013	5.13
16	Dr. L.M.Manocha Deptt. of Materials Sci.	"Development..... nano- composites"	1-7-2011 to 30-6-2014	8.50
17	Dr.(Miss) R.H.Patel Deptt. of Materials Sci.	"Studies on flame resin system"	1-7-2011 to	9.69

			30-6-2014	
18	Dr. M.N.Patel Deptt. of Chemistry	"Evaluation ofmetallonuclese"	1-7-2011 to 30-6-2014	8.51
19	Dr. N.V.Sastry Deptt. of Chemistry	"Nanoaggregates.... hydrogeis"	1-7-2011 to 30-6-2014	8.64
20	Dr. H.C.Trivedi Deptt. of Chemistry	"Photo-Induced sodium alginate"	1-7-2011 to 30-6-2014	11.22
21	Dr. P.C.Vinodkumar Deptt. of Physics	"Study of the strong..... quarks"	1-7-2011 to 30-6-2014	7.57
22	Dr. K.C.Patel BRD School of Biosci.	"Curdlan and lipase applications"	1-7-2011 to 30-6-2014	10.56
23	Dr. U.B.Trivedi BRD School of Biosci.	"Utilization of of these PHA's"	1-7-2011 to 30-6-2014	7.73
24	Dr. Pinakini Pandya Deptt. of Gujarati	"Cross cultural.....folktales"	1-7-2011 to 30-6-2013	5.89

3.5 AWARDS AND RECOGNITIONS

(A) ACHIEVEMENTS OF TEACHING STAFF

The quality of the academic work being carried out can be judged from the awards and recognitions earned by our faculty so far. These include Fellowship of professional bodies like National Academy of Sciences and Gujarat Science Academy, National and International Visiting Fellowships and Professorships, IUCAA Fellowships, Commonwealth and DAAD Fellowships, awards and prizes like Homi Bhabha Award, Ramanujan Prize, Hari Om Ashram Awards, GUJCOST Vikram Sarabhai Awards, Sahitya Academy Prizes, Editorship of research journals, Bharat Jyoti Award, and Radhakrishnan Award for Excellence in Higher Education.

Kudos to 6 of our colleagues who worked during the last five years as Vice Chancellors/Pro Vice Chancellors of various universities – Professors Naresh Ved (Saurashtra University, Gujarat University, Bhavnagar University), Mahesh Yagnik (Saurashtra University), Amrapali Merchant (Dr Baba Saheb Ambedkar Open University), H C Trivedi (former Vice Chancellor of Bhavnagar University), Dr Manoj Soni (former Vice Chancellor of the MS University of Baroda and present VC of Dr Baba Saheb Ambedkar Open University), and Prof. N. K. Patel (Pro-Vice Chancellor of Gujarat University). The University takes pride in the achievement of these learned professors. The University also takes pride in the fact that it has been declared one of the three best universities of India along side the University of Pune and Manipal University; and the then Honorable Vice Chancellor Dr. Pravin J. Patel was awarded the IBM “Inspiring Vice Chancellor of the year award 2005”. This was during the Second Annual Conforace, “EDUCON,2005” Organized by IBM and SAKAL at Hydaradad during August 12-14, 2005.

The recognition gained by our faculty include office-bearer ships and memberships of policy planning and implementation committees of Government agencies like UGC, DAE, NBHM, DBT, DST Sahitya Academy, various universities in Gujarat and outside professional organizations, peer reviewer ship of research journals etc.

The following described the reorganization and award on by our faculty in the year 2010-2011

(A) NAME OF THE FELLOWSHIPS/HONORS/RECOGNITION/AWARDS/ANY OTHER OUTSTANDING ACHIEVEMENT OF THE TEACHERS OF THE DEPARTMENT IN 2010-2011

DEPARTMENT OF BIO-SCIENCES

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
Dr. K. S. Rao	Dr. C. K. Shah awards in the subject of plant science for the research paper “ Development of included phloem of calycopteris floribunda lamk. (Combritaceae)”.

DEPARTMENT OF CHEMISTRY

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
Dr. N.V. Sastry	DAAD Re-invitation Fellowship for visiting Institute of Physical and Theoretical Chemistry, University of Regensburg, Regensburg, Germany (July – August 2010) as Visiting Scientist
Dr. N.J. Parmar	Received an India International Friendship society, New Delhi’s SHIKSHA RATTAN Award Received V best poster prize for presenting a paper in One day National seminar on New Dimensions in Chemical Sciences, held on 30.01.2010, at Deptt. Of Chemistry, Osmania University, Hyderabad
Dr. J.H. Trivedi	Worked as an Executive Council Member of Association of Carbohydrate Chemists and Technologists (ACCT), India for the year 2009-2010. Life member of Association of Carbohydrate Chemists and Technologists (ACCT) Life member of Asian Polymer Association Worked as Reviewer for recommending paper for its publication in the International Journals of repute namely Carbohydrate Polymers and Journal of Applied Polymer Science. National Workshop on Combined Applications of Spectroscopy held at Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar during 17 th -19 th February, 2011- Local Organizing Committee Member
Dr. M.P. Patel	Shiksha Rattan Puraskar awarded by India International Freindship Society, New Delhi on 21-01-2011 for Metitorious Services, Outstanding Perfomance and Remarakable Role in the field of Chemistry.

DEPARTMENT OF COMPUTER SCIENCE

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
Dr. D B Choksi	Dr.D.B.Choksi - honored with inclusion of a biographical-note in ‘Reference Asia : Asia’s Men and Women of Achievement’, published by Rifacimento International, Sept., 2010. Dr.D.B.Choksi - honored with inclusion of a biographical-note in ‘Asian Admirable Achievers’, Vol. V, published by Rifacimento International, March, 2011. Dr.D.B.Choksi - honored with inclusion of a biographical-note in the ‘Asia/Pacific Who’s Who’, published by Rifacimento International , 2011 (Vol. XI).

DEPARTMENT OF MATHEMATICS

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
S.J. Bhatt	Fellow of Indian Academy of Sciences since December 2009
	Awarded Hans Raj Gupta Award by Indian Mathematical Society in the year 2010
	Fellow of Gujarat Science Academy
R.D. Mehta	Fellow of Gujarat Science Academy
G.M. Deheri	Awarded Dolar Rai Mankad Award (Saurashtra University) for Excellence Research in Science

DEPARTMENT OF PHYSICS

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
Dr. S. H. Chaki	Research paper entitled “Electrical Properties and Surface Microtopographic Studies of Tungsten Disulfide Single Crystals Grown by CVT Technique” have been adjudged best for the award of “Hari Ohm Ashram Prerit Shri Bhaikaka Inter University Smarak Trust” prize of Sardar Patel University for the year 2008-2009 in Materials Science subject.
Dr. N. K. Bhatt	Best Oral Presentation Award, at the conference “Physics for Tomorrow”, St. Xavier’s College Ahmedabad.

DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
Dr. P. K. Rathod	Attended Round Table Conference on Commerce & Accountancy Education in India: Issues and Challenges at New Delhi organized by the Institute of Chartered Accountants of India (ICAI), New Delhi, India on September 26, 2010
	Chaired as a Co-chairperson in the Session at International Seminar on Changing Paradigm of Accounting & Finance in Global Perspective jointly organized by S. D. School of Commerce, Gujarat University and Indian Accounting Association, Gujarat (Ahmedabad) Branch on February 12-13, 2011.
	Chaired as a Chairperson in the Session at National Seminar on Managing Development at M.B.A. Department, Sardar Patel University, Vallabh Vidyanagar on) March 12, 2011.
	Acted as a Seminar Secretary in the UGC- SAP Two Day National Level Seminar on “Investors’ Protection: Present Scenario and Future Perspective” organized by the Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar under the SAP scheme of the UGC.
Dr. S. K. Bhatt	Acted as a Joint Seminar Secretary in the UGC- SAP Two Day National Level Seminar on “Investors’ Protection: Present Scenario and Future Perspective” organized by the Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar under the SAP scheme of the UGC.
	Chaired as a Chairman in Technical Session at 3 rd Biennial International Conference on Entrepreneurship on January 22-23, 2011 at M.D.S. University, Ajmer.
Dr. C. K. Sonara	Acted as a Organising Secretary in the UGC- SAP Two Day National Level Seminar on “Investors’ Protection: Present Scenario and Future Perspective” organized by the Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar under the SAP scheme of the UGC on January 28-29, 2011.
Dr. R. M. Rathod	Workshop Coordinator of three days UGC sponsored State Level Workshop “Research Methodology in Commerce and Management on 2-4 December

	2010. Got second rank (Faculty Category) in Essay Competition Organized by Sardar Patel University on How to make S.P. University as World Class University
Dr. Y. M. Dalwadi	Acted as a Co-coordinator for three days UGC sponsored State Level Workshop “Research Methodology in Commerce and Management, organized by the Department, December 2-4, 2010. Chaired as a Chairperson in a Session at National Seminar on Management: Current Practices and New Directions at B.J.V.M. College, Vallabh Vidyanagar November 27, 2010. Participated in Faculty Development Programme in Management at IIM, Ahmedabad, June 7, 2010 to October 25, 2010.

DEPARTMENT OF ECONOMICS

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
Sonal Bhatt	Awarded a Cash prize and Gold Medal amounting to Rs. 8000/- under the “Shri Dadabhai Navroji Prize for publishing academic papers of high quality in National and International Journals of high Reputation” in the subject of “Social Sciences” for the year 2010-11, constituted by Sardar Patel University by H.E. The Governor of Gujarat. The paper was titled, “Falling Sex Ratio and Rising Prosperity: A Study of Gujarat State in India”

DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
Dr. J M Trivedi	Accredited/Reaccredited 7 Colleges across the country(Imphal (Manipur), New Serchip(Mizoram), Bhandara and Chimur (Maharashtra), Dawangiri (Karnataka), Haldwani and Manila (Uttarakhand) as member/ member coordinator in Peer Team of NAAC, Bangalore.
Dr. I M Macwan	Nominated by Best Citizen Publishing House New Delhi for the award of Best Citizen of India in March 2011. Nominated by India International Friendship Society, New Delhi for Shiksha Ratna Purshkar in the Conference on “ Role of Education in Modern India” in November, 2010. In ref. of meritorious services and achievement in the field of education.

DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
Prof.L.R.Yagnik	-President Community Psychology Association of India Faizabad (UP). -Joint secretary and zonal president of Indian Academy of Applied Psychology Chennai
Dr Samir J Patel	-Executive member ands zonal president of Indian Academy of Applied Psychology Chennai
Dr. S.M Makavana	The best research paper Award by Sardar Patel University Vallabhvidyanagar Under “SHREE DADABHAI NAVROJI” Cash Prize and Award for publishing academic papers of high quality in national and internal journal of high reputation for the year 2009-2010

DEPARTMENT OF SANSKRIT

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement
Prof.Ajit Thakor	Awarded Sarswat Gaurava Sanman By Somanath Sanskrit University ;Sep 2010 Veraval

Prof.Ajit Thakor	Honour by H.H.Jayendra Sarsvati for Contribution In Sanskrit,15-05-2010
Dr.N P Patel	Shankracharya Of Kaanchi kama koti Felictated Considering Contribution to Sanskrit learning

(B) SPECIALLY RECOGNIZED DEPARTMENTS

Department of Bioscience UGC – SAP Department UGC COSIST Department DST – FIST Department DBT-IBT Department	Department of Business Administration UGC – SAP Department (2005 to 2010)
Department of Chemistry DST – FIST Department Centre of Potential for Excellence in Polymer Science	Department of Economics UGC – SAP Department (2005 to 2010)
Department of Materials Science UGC Centre for Advanced Studies DST – FIST Level II Department GUJCOST Centre of Excellence in Nonmaterial DBT-IBT Department	Department of English UGC – SAP Department
Department of Mathematics UGC - SAP - DRS Department DST – FIST Department DAE – NBHM – Regional Library	Department of Political Science Government of Gujarat Centre of Excellence for Ethics in Politics and Public Administration
Department of Physics DST – FIST Department	Department of Business Studies UGC – SAP Department
Department of Statistics UGC – SAP Department DST – FIST Department	

(C) FELLOWSHIPS

1. Prof. L.M.Manocha (Materials Science), FNASc, FGSA
2. Prof. (Mrs) S. L. Manocha (Materials Science), FGSA
3. Prof. A. R. Jani (Physics), FGSA
4. Prof. K.N.Joshipura (Physics), FGSA
5. Prof. Vinodkumar (Physics), FGSA
6. Prof. R.M.Patel (Chemistry), FGSA
7. Prof. D.K.Raval (Chemistry), FGSA
8. Prof. J.D.Joshi (Chemistry), FGSA
9. Prof. H.C. Trivedi (Chemistry) FGSA
10. Dr.M.P. Patel, (Chemistry), FGSA
11. Prof. Datta Madamwar (Boisciences), FGSA
12. Prof. K.S.Rao, (Bioscience) FGSA
13. Prof. K.C.Patel, (Bioscience) FGSA
14. Dr. R.Subramanim, (Bioscience) FGSA
15. Prof. Kiran Kalia (Bioscience), FGSA
16. Dr.V.R.Thakkar, (Bioscience) FGSA
17. Prof. S.J.Bhatt (Mathematics), FASc, FGSA
18. Prof. R.S. Tickekar (Mathematics), FGSA
19. Prof. R.D.Mehta (Mathematics), FGSA
20. Prof. D.B.Choksi (Computer Science), FGSA

3.6 CONSULTANCY

(1) INDUSTRIAL CONSULTANCY

DEPARTMENT OF HOME SCIENCE

Name of the Teacher	Name of Organization	Type of Consultancy (With area)	Period (Date)
Dr.M.S. Acharya	Sanskar Mandal University Staff Colony S.P.University, V.V.Nagar	Hono. consultancy to establish crèche at sanskar Mandal	Since oct-2010 to till date helping.

DEPARTMENT OF PHYSICS

Name of the Teacher	Name of Organization	Type of Consultancy (With area)	Period (Date)
Prof. P. C. Vinodkumar	Shree Raghavendra Tech Services Pvt. Ltd	Modeling of Plasma Atomization in Powder Metallurgy	October 2010

DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Name of Organization	Type of Consultancy (With area)	Period (Date)
Dr. R. M. Rathod	Industrial Visit of Marketing Group Students (Sem-I), Tripcon Engineering and Western Engineering, GIDC-Vithal Ugyognagar.	One Day Industrial Visit for the Students	28 th August 2010

DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Name of Organization	Type of Consultancy (With area)	Period (Date)
Dr. I M Macwan	Mahila Mandal, Limdapura	Advisor Member	2007 to Continue

(2) ACADEMIC CONSULTANCY

Teachers in almost all the University Departments have been providing Honorary Academic Consultancy to Gujarat Textbook Production Board, various Research Journals as reviewers and referees on Editorial Boards, various funding agencies and Universities. They are also actively engaged in academic consultancy through involvement in various committees in academic organizations. The details for the year 2010-2011 are as under:

DEPARTMENT OF BIOSCIENCES

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Prof. Vasudev Thakkar	Involved in syllabus making of TYBSC and SYBSC Biochemistry Subject
Dr. J.S.S.Mohan	Member, Syllabus framing committee for M.Sc. in Bioscience subjects (Botany, Biotechnology, Genetics, Microbiology etc.)

	Member, Syllabus framing committee for S. Y. B.Sc. Biology and Genetics
Prof. T. V. Raman Rao	Member of SAP Advisory Committee
	Member, Library Committee of Biosciences Department
	Member, Board of Studies of Biosciences, Sardar Patel University
	Secretary, SPUBS Alumni Association
	Incharge Teacher, SPUBS
	Vice-president, SPUTA
Prof. K.S. Rao	Involve in University examination work, admission processes and in publication of university journal "PRAJNA"
	As a chairman of board of studies in Biosciences.
Prof. (Mrs) Kiran Kalia	University evaluation: Served as Paper setter, Examiner and Moderator in University B.Sc. and M.Sc. examination
	Internal evaluation: Internal examination and a number of quizzes and seminars were conducted in different courses taken.
	Paper setting: A part from being external examiner for B.Sc. and M.Sc. examination of our University, I was appointed as paper setter and external examiner for the Gujarat University, Bhavnagar University and PGI Chandigarh
	Evaluation of dissertation etc.: Evaluated M.Sc. dissertation thesis of our students, Evaluated PhD thesis from Bhavnagar University
	Conduct of Examination: Served as proof reader, and Senior supervision in university external examination.
	Member of organizing committee (4 th Indo-Australian Conference, February 2011)
	Participation in all activities of SPUBS as per in instruction of head
	Cultural activities through SPUBS

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011

Name of the Teacher	Impact
Prof. Datta Madmwar	Member of Advisory Committee as UGC Expert Nominee of
	Department of Microbiology, M. S. University, Vadodara
	Department of Microbiology, Kakatiya University, Warangal
	Department of Biochemistry, Shivaji University, Kolhapur
	Department of Biosciences, Veer Narmad South Gujarat University, Surat
	Member of Biotechnology Council of Government of Gujarat
	Member of Governing Body of Gujarat State Biotechnology Mission
	Member of Technical Board of Gujarat State Biotechnology Mission
	Member of Biotechnology Council of Government of Gujarat
Dr. T.V. Raman Rao	Member of Advisory committee of SAP Programme of UGC in the B.R.D School of Biosciences Sardar Patel University.

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of Teacher	Name of the Position	Name of the Organisation	Nature of the Organisation Academic/Government/ Non-Government
Prof. Datta Madamwar	Member of Task Force Committee of Biotechnology of Biodiversity Conservation and	Department of Biotechnology, New Delhi	Government of India

	Environment		
	Member of Governing Body of GSBTM	Gujarat State Biotechnology Mission, Gandhinagar	Gujarat State Government
	Member of Council of Biotechnology of Govt. of Gujarat	Government of Gujarat, Gandhinagar	Gujarat State Government
	Member of Technical Board of GSBTM	Gujarat State Biotechnology Mission, Gandhinagar	Gujarat State Government
	Member of Programme Advisory Committee of International Cooperation in the area of Life Sciences of Department of Science & Technology	Department of Science & Technology, New Delhi	Government of India
Dr Sujata Subhash Bhatt	Member	Society of Biological Chemists, IISc Bangalore	Academic
	Member	Association of Biotechnology and Pharmacy, Nagarjuna University, AP	Academic
Dr. A.V. R. L.Narasimhacharya	Member	S. P. University	Board of Studies in Biosciences
Prof J. S. S. Mohan	Member	S. P. University	Faculty of Science
	Member, Board of Studies in Biosciences	Sardar Patel University, Vallabh Vidyanagar	Academic
	Member, Board of Science	Sardar Patel University, Vallabh Vidyanagar	Academic
	Member, board of Studies in Botany	Bhavnagar University, Bhavnagar	Academic
Prof. R B Subramanian	Fellow	Gujarat Science Academy	Academic
Prof. (Mrs.) Kiran Kalia	Fellow	Gujarat Science Academy	Non Government
	Life member	Indian Science Congress, India	Non-Government
	Life Member and President of local Society	Society of Biological Chemists, India	Non-Government
	Life member	Society of Toxicology, India	Non-Government
	Life member	Organization for Women in Science of Developing World(OWSDW) earlier known as (TWAWS), Italy	Non-Government
	Life member	Indian Association of Micronutrients, New Delhi	Non-Government
	Member of	Journal of cell and tissue research	Non-Government

	Editorial board		
	Life member	Third world Academy of Women in Science, Italy	Non-Government
	Member Member	Senate, Sardar Patel University Academic Council of Sardar Patel University	Academic Academic
	Member	Board of the studies of Sardar Patel University , Gujarat University Saurashtra University, UGC nominee for the NET examination	Academic and government

DEPARTMENT OF CHEMISTRY

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011

Name of the Teacher	Nature of Contribution
Dr. N.J. Parmar	College/University/Institution: Entire progress of any organization is due to the team work and self development. And without developing ourselves we can not contribute much to the progress of the university though we believe in team work. I have finished two research projects under the U.G.C. Scheme of minor research project; one during 1999-2000 for one year, and during 2005-06 for two years respectively. I am presently working under a Major Research Project sanctioned for 2011-14 (three years) under the UGC Scheme of Major Research Project, New Delhi. A few parts of the work carried out under completed projects have been published in the research journals of international repute. During my visits to various academic places I always remain keenly interested to learn the new aspect of the subject so that can beneficial to my institute.
	Co-Curricular activities: Render my service to take part in various departmental activities like arranging programs under chemical society i.e. blood group donation camp, various competitions, sports activities. Also the seminar, conferences, symposium, refresher courses etc. Enrichment of Campus Life (hostels, sports, games, cultural activities): Involved in sport activities, youth festival and other various competitions at departmental and university level.
	Students Welfare and Discipline: Inspire students to solve their practical difficulties. Guide them with better prospects in the field. Also support the campus interview by expert from well known industries for selecting our students for their firm. Professional Organizations of Teachers: a member of the Sardar Patel University Teacher Association (SPUTA)
Dr. S.S. Soni	Worked as Local Advisory committee members in the “ National Workshop on Combined Application of Spectroscopy – CAS 2011) held at Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar – 388 120
	Committee member in Preparation of presentation material of the chemistry department before visiting NAAC peer team during 19th – 21st Feb. 2009
	One of the committee member for updating and maintaining Website of chemistry department
Dr. J.H. Trivedi	Actively participated in the activities of the Chemical Society in the Department of Chemistry. Acted as a flying squad member in University exams.

	Contributed in framing the syllabus (CBCS) for M.Sc. (Final), Industrial Polymer Chemistry Worked as a Member of the Admission Committee in the Department of Chemistry
Dr. K.R. Surati	I have keen interest in academic, curricular and extra curricular activities within the department organized by chemical society. I am associated with placement cell in the department. I have work as organizing committee member in National work shop on Spectroscopy held at department of chemistry, during Feb 2010.
Dr. M.P. Patel	Besides the regular duties of teaching and research, I have served in various committees formed for conducting entrance test, chemical society activities and annual day functions etc., One of the committee members of “Programming and Framing of the schedule of teaching and other related aspects”. One of the committee members of “Placement Cell” of the department. One of the selection committee members of the UGC Meritorious students Research Fellowship.

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Dr. Jignesh H. Trivedi	Worked as an Executive Council Member of Association of Carbohydrate Chemists and Technologists (ACCT). India for the year 2009-10.

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Dr. H.S. Patel	Board of studies	Sardar Patel University, V. V. Nagar	---
	---	Mohanlal sukhadia University, Udaipur	---
	Life member	Materials Science of india, Khadagpur	
Dr. D.I. Brahmhatt	Member of Adhoc board of studies in chemistry	Sardar Patel University	Academic
Dr. N.V. Sastry	Senate Member (Govt. Nominee)	Senate, Sardar Patel University	Academic
Dr. M.N. Patel	Member board of studies	Saurashtra university, Rajkot	Academic
Dr. N.J. Parmar	Member	Board of study, S.P. University Vallabh Vidyanagar	Academic
Dr. K.H. Patel	Member	Board of studies (Science) Sardar Patel University	Academic
Dr. S.S. Soni	Life membership	Indian Society of Analytical Scientists	Academic
	Life membership	Indian Society for Radiation and Photochemical Sciences	Academic
Dr. J.H. Trivedi	Executive Council Member	Association of Carbohydrate Chemists and Technologists (ACCT), India	Non-Government

Dr. K.R. Surati	Life time membership	“The Indian Thermodynamics Society”, India	Academic
	Life time membership	“Indian Liquid crystal society (ILCS)”, India.	Academic
	Life time membership	“Material Research Society (MRS)”, Singapore.	Academic
	Life time membership	“Society of Material Chemistry”, BARC, Mumbai, India	Academic
	Life time membership	“Indian Society of Analytical Scientists”	Academic
	Life time membership	“Indian Society for Radiation and Photochemical Science (ISAS)”	Academic
Dr. M.P. Patel	Life Member	The Society for Polymer Science (SPS), New Delhi, India	Academic
	Life Member	Indian Council of Chemist (ICC), Agra, India	Academic
	Life Member	The Indian Society of Analytical Scientist, India (ISAS)	Academic
	Life Member	Society for Materials Chemistry, India	Academic
	Member	Board of Study (Chemistry)	Academic
	Member	Adhoc PG Board of Study (Chemistry)	Academic
	Member	The committee to reframe the syllabus for M. Sc. Chemistry	Academic
	Member	The committee to reframe the syllabus for M. Sc. Chemistry as per CBCS	Academic
	Executive Member	Sardar Patel University Teacher Association (SPUTA)	Non-Government
	Secretary	JCI Milkcity, Anand	Non-Government
	Executive Member	17 Gam Patidar Samaj, Anand	Non-Government

DEPARTMENT OF COMPUTER SCIENCE

(a) **Contribution of the Teachers of the Department/College/Centre/Institute to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011**

Name of the Teacher	Nature of Contribution
Dr. D.B.Choksi	Dr. D.B.Choksi worked as a Chairman of the Board of Studies for Computer Science at the Sardar Patel University.
	Dr. D.B.Choksi worked as a member of the Editorial Board of the journal – PRAJNA, published by the Sardar Patel University.
	Dr. D.B.Choksi contributed as a chairman of the committee for framing the new syllabus under CBCS for BCA programme at the Sardar Patel University.
	Dr. D.B.Choksi worked as a member of the Advisory Committee of N.V.Patel College of Pure & Applied Science, Vallabh Vidyanagar.
	Dr. D.B.Choksi worked as a member of the local inquiry committees for affiliation of self financed programmes run by various colleges of the university.
Dr. P V Virparia	Acted as a coordinator in the State Level Programming Contest (February, 2011)

	Actively participated in organizing the State Level Quiz Contest (February, 2011)
	Worked as a judge in state Level Programming Competition held at N V Patel College of Pure and Applied Science, V V Nagar on 19 th January 2011.
	Worked as a judge in Programming Competition held at V P & R P T P Science College, V V Nagar on 3 rd February 2011.
	Worked as a judge in Web Designing Competition held at V P & R P T P Science College, V V Nagar on 3 rd February 2011.
	Acted as a Chief Guest in State Level Seminar on “Internet and Its spheres of Influence” Petlad, January, 2011
	Acted as a member of jury team of project competition held at C P Patel & F H Shah Commerce College, Anand on 22 nd January 2011.
	Worked as a judge in Network Designing Competition held at SEMCOM College, V V Nagar on 25 th January, 2011.
	Worked as a judge in Web Designing Competition held at M B Patel Science College, Anand on 10 th January 2011.
	Worked as a session chair in a Multidisciplinary National Conference held at Parul Institute of engineering and Technology, Limda on 4 th December 2010.
	Worked as a session chair in a State Level Seminar held at Anand Institute of Information Science, Anand on 11-12 March 2011.
	Worked as an expert member in Admission Competitive Test held at SEMCOM College on May 2010.
	Actively involved in non-academic activities organized by the Department
	Provided support to senior students of the department in in-house project development.
	Act as a resource person for DOEACC, New Delhi.
Dr. P. S. Sajja	Actively participated in organizing the State Level Quiz Contest (February, 2011)
	Worked as a judge in state Level poster competition held at N V Patel College of Pure and Applied Science, V V Nagar (January 2011).
	Worked as a judge in Poster Competition held at M B Patel Science College, Anand on 10 th January 2011.
	Worked as a session chair in a State Level Seminar held at Anand Institute of Information Science, Anand on 11-12 March 2011.
	Provided support to senior students of the department in in-house project development.
	Act as a resource person for DOEACC (for syllabus revision, paper setter and examiner), New Delhi.
	Member of Board of Studies, Computer Science (S P University, Gujarat, India)
	Member of Special Interest Group on Artificial Intelligence (SIGAI), India
	Member of International Association of Engineers (IAENG)
	Member of Third World Organization for Women in Science (TWOWS), Italy
	Worked as a judge in research paper presentation held at N V Patel College of Pure and Applied Sciences, V V Nagar on 30 July 2010.
	Worked as resource person for more than 8 refresher/orientation courses
	Worked as resource person in the State Level IT Quiz Contest Organized jointly by the Computer Society of India (Vallabh Vidyanagar Chapter) and the Department of Computer science and Technology
	Actively involved in non-academic activities organized by the Department
	Provided support to senior students of the department in in-house project development.

Act as a resource person for DOEACC, New Delhi.
Academic activities
Member of Board of Studies in Computer Science, Sardar Patel University
President of CSI vvn chapter
Associate editor at
International Journal of Computer Science & Applications, India
International Magazine on Advances in Computer Science and Telecommunications, Republic of Macedonia
International Journal of Computational Intelligence Techniques, UK
INFOCOMP Journal of Computer Science, Brazil
Research@ICT: International Journal of Information and Computing Technology, India
International Journal of Data Mining and Emerging Technologies
Editorial review board member
Soft Computing, Springer Berlin, Germany
Information Sciences, Elsevier
Interdisciplinary Journal of Information, Knowledge, and Management, USA
Journal of Information, Information Technology, and Organizations, USA
Scientific Journals International, USA
International Journal of Computer Science & Emerging Technologies, UK
International Journal of Data Mining and Warehousing, India
International Journal of Soft Computing, AIRCC
International Journal of Computers and Applications, Canada
Program committee member
Mobile Computing Techniques in Emerging Markets: Systems, Applications and Services, IGI Global, USA, 2011
1 st International Conference on Logistics, Informatics and Service Science (LISS 2011), Beijing, China
8th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2011), Noordwijkerhout, The Netherlands
13th International Conference on Enterprise Information Systems (ICEIS 2011), Beijing, China
International Conference on Web Intelligence, Mining and Semantics (WIMS 2011), Sogndal, Norway
1st International Conference on Intelligent Systems & Data Processing (ICISD 2011), Vallabh Vidyanagar, India
7th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2010), Funchal, Portugal
12th International Conference on Enterprise Information Systems (ICEIS 2010), Funchal, Portugal
Informing Science & IT Education Conference (InSITE 2010), Southern Italy
International Conference on Computer Applications & Information Technology (CAIT 2010), Coimbatore, India
State Level IT Quiz Competition at G.H.Patel Postgraduate Department of Computer Science and Technology, Sardar Patel University, February 5, 2011.
Worked as an organization committee member for Workshop on Bioinformatics on 28-30 August, 2010.
Worked as a resource person for the technical event TECHNOKHOJ-2010 organized by ISTAR and IEEE ISTAR Student branch, V V Nagar on 4th February 2010.
Member of org. committee of a Workshop on Molecular Modeling and Drug Designing on August, 2010. Trainer : Mr. Ravi kumar, BIOMINDS

	Lifesciences, Hyderabad.
Dr. D M shah	Worked as an organization committee member for Workshop on Bioinformatics on 28-30 August, 2010.
	Worked as a member in departmental
	Project Monitoring committee
	Library maintenance committee
	Entrance test committee.
	Actively participated and worked as a team member in organizing lecture series on various topics.
	Acted as resource person in state level programming contest at Computer Science department, SPU.
	Act as a resource person for DOEACC, New Delhi in syllabus formation, as a paper setter and as an examiner.
Mr. B B Patel	As a Placement Co-coordinator for the Department of Computer Science, Sardar Patel University.
	As a member of editorial board for annual report preparation of Sardar Patel University during 2010-11.
	Acted as a resource person in the State Level Programming competition organized jointly by the Computer Society of India V.V.Nagar Chapter and the Department of Computer science and Technology (February, 2011).
	Acted as Member Secretary, Computer Society of India, Vallabh Vidyanagar Chapter.
	Worked as a member of the Academic Board of Studies for Computer Science, Sardar Patel University, Vallabh Vidyanagar.
	Worked as a resource person for the technical event TECHNOKHOJ-2010 organized by ISTAR and IEEE ISTAR Student branch, V V Nagar on 4th February 2010.
	Worked as a resource person for the state Level Web Competition WEBKHOJ-2010 organized by ISTAR and IEEE ISTAR Student branch, V V Nagar on 4 th March 2010.
	Actively involved in non-academic activities organized by the Department
	Provided support to senior students of the department in in-house project development.
	Acted as a resource person for DOEACC, New Delhi.
Mr. J V Smart	Acted as a resource person in the State Level Programming Competition Organized jointly by the Computer Society of India (Vallabh Vidyanagar Chapter) and the Department of Computer science and Technology (February, 2011)
	Acted as Honorary Secretary, Computer Society of India, Vallabh Vidyanagar Chapter.
	Member of the Academic Board of Studies for Computer Science, Sardar Patel University, Vallabh Vidyanagar.

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Dr. D.B.Choksi	Dr. D.B.Choksi contributed as a chairman of the committee for framing the new syllabus under CBCS for BCA programme at the Sardar Patel University.
	Dr. D.B.Choksi worked as a member of the advisory committee of the N.V.Patel College of Pure and Applied Sciences, V.V.Nagar.
Dr. P. V. Virparia	Member of Board of Studies, Computer Science, S P University, Bhavnagar University, Bhavnagar, Saurashtra University, Rajkot,

	Dharamsinh Desai University, Nadiad. Member of Advisory Committee in a National Conference on Emerging Trends in ICT, held at Ahmedabad University, Ahmedabad during 21-22 February 2011.
Dr. P.S. Sajja	Board of Studies, Computer Science (S P University, Gujarat, India) Chairperson of V V Nagar Chapter of Computer Society of India (CSI) Member of Special Interest Group on Artificial Intelligence (SIGAI), India International Association of Engineers (IAENG) Third World Organization for Women in Science (TWOWS), Italy Editorial Review Board Member for many international science Journals based at India (2) and USA (7) including Springer. Acted as program committee member at several places including 10 International programmes.
Dr. D M Shah	Member of Board of Studies of computer science in Sardar Patel University.
Mr. B. B. Patel	Member of Board of Studies of computer science in Sardar Patel University. Secretary of V V Nagar Chapter of Computer Society of India (CSI) Member of 6 th Pay Fixation Committee, Sardar Patel University

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organisation	Nature of the Organisation Academic/Government/ Non-Government
Dr. D B Choksi	Chairman	Board of Studies in Computer Science	Academic
	Nomination Committee Member	Computer Society of India, V.V.Nagar Chapter	Professional Body
	Member	Advisory committee of the N.V.Patel College of Pure and Applied Sciences, V.V.Nagar.	Academic
	Member of Editorial Board	Prajna – A journal of pure and applied sciences, Sardar Patel University	Academic
	Member of Editorial Board	National Journal of Computer Science & Technology published by S V Institute of Computer Studies, Kadi	Academic
	Member of Advisory Editorial Board	Research@ICT: International Journal of Information and Computing Technology published by ISTAR	Academic
Dr. P V Virparia	Editorial Board member	National Journal of System and Information Technology	Academic
	Editor-in-Chief	International Journal of Research and Reviews in Information Security and Privacy	Academic

	Member of Advisory Editorial Board	Research@ICT: International Journal of Information and Computing Technology	Academic
	Member of Editorial Board	International Journal of Computer Applications	Academic
	Member of Editorial Board	National Journal of Engineering and Science	Academic
	Associate Editor	International Magazine on Advances in Computer Science and Telecommunications	Academic
	Reviewer	International Journal of Advanced Research in Computer Science	Academic
	Reviewer	World of Computer Science and Information Technology Journal	Academic
	Reviewer	Universal Journal of Computer Science and Engineering Technology	Academic
	Reviewer	International Journal of Advanced Computer Science and Applications	Academic
	Reviewer	National Journal of Computer Science & Systems	Academic
Dr. P.S. Sajja	Member	Board of Studies in Computer Science, Sardar Patel University	Academic
	Precedent	CSI vvn chapter	Academic
	Associate editor	International Journal of Computer Science & Applications, India	Academic
		International Magazine on Advances in Computer Science and Telecommunications, Republic of Macedonia	
		International Journal of Computational Intelligence Techniques, UK	
		INFOCOMP Journal of Computer Science, Brazil	
		Research@ICT: International Journal of Information and Computing Technology, India	
		International Journal of Data Mining and Emerging Technologies	
		International Journal of Data Mining and Emerging Technologies	
	Program committee member	Mobile Computing Techniques in Emerging Markets: Systems, Applications and Services, IGI Global, USA, 2011	Academic
1 st International Conference on Logistics, Informatics and Service Science (LISS 2011), Beijing, China			

	<p>8th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2011), Noordwijkerhout, The Netherlands</p>	
	<p>13th International Conference on Enterprise Information Systems (ICEIS 2011), Beijing, China</p>	
	<p>International Conference on Web Intelligence, Mining and Semantics (WIMS 2011) , Sogndal, Norway</p>	
	<p>1st International Conference on Intelligent Systems & Data Processing (ICISD 2011), Vallabh Vidyanagar, India</p>	
	<p>7th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2010), Funchal, Portugal</p>	
	<p>12th International Conference on Enterprise Information Systems (ICEIS 2010), Funchal, Portugal</p>	
	<p>Informing Science & IT Education Conference (InSITE 2010), Southern Italy</p>	
	<p>International Conference on Computer Applications & Information Technology (CAIT 2010), Coimbatore, India</p>	
	<p>State level IT quiz competition, Department of Computer Science with CSI, (2011)</p>	
	<p>Academic Actively participated in organizing the State Level Quiz Contest (February, 2011)</p>	
	<p>Worked as a judge in state Level poster competition held at N V Patel College of Pure and Applied Science, V V Nagar (January 2011).</p>	
	<p>Worked as a judge in Poster Competition held at M B Patel Science College, Anand on 10th January 2011.</p>	
	<p>Worked as a session chair in a State Level Seminar held at Anand Institute of Information Science, Anand on 11-12 March 2011.</p>	

		Member of org. committee of a Workshop on Molecular Modeling and Drug Designing on August, 2010.	
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DEPARTMENT OF ELECTRONICS

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Dr.D.Lakshminarayana	The corporate life at Sardar Patel University, Vallabh Vidyanagar, Gujarat, revolves around providing a wholesome education to students coming from various parts of the country and also from abroad. Based on care and concern, the corporate life is focused over providing skills and knowledge combined with social and cultural sensitivities. Accordingly, being the staff member of the Postgraduate Department, the due participation to the Sardar Patel University corporate life had taken place during the year.
Dr.(Ms.) Basumati H.Patel	Member of the purchase committee of scientific equipment of S.P.U Member of Advisory committee/ Implementation and monitoring committee, Purse Program, S.P.University
Dr.Sunil S.Patel	The Corporate life is focused over providing skills and knowledge combined with social and cultural sensitivities. Accordingly, being the staff member of the Postgraduate Department, the due participation to the Sardar Patel University corporate life had taken place during the year.
Dr.(Ms.) Vibha S.Vaishnav	Worked as a Core Committee Member at the Dr. C L Patel Platinum Jubilee Celebration organized at Charutar Vidya Mandal on April 9, 2010. Prepared a Documentary Film on the activities highlighting Vidyanagar and University Campus
Mr.Divyang B.Dave	Associated with Community Radio Station's Program Production & technical Committee. Trained several students of various colleges in program preparation as well as technical training pertaining to Radio Station. Being a staff member of the Postgraduate Department, participated in the Sardar Patel University corporate life taken place during the year.

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Dr. (Miss) B.H.Patel	Nominated as a member of Subject expert of a committee in the subject of Electronics Science for preparation of revision of UGC- NET syllabus at Bangalore during 20.9.2010 to 24.9.2010

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Dr.(Ms.) Basumati H.Patel	Functioned on various Local Enquiry Committees of	Sardar Patel Universities.	Academic
	Life Member	Semiconductor Society of India	Academic
	Life Member	Indian Association of Crystal	Academic

		Growth	
	Life Member	Indian Society of Technical Education	Academic
	Member	Board of studies of Electronics, Bharathiar University, Coimbatore.	Academic
	Member	Academic council, Sardar Patel University	Academic
	Member	Senate , Sardar Patel University	Academic

DEPARTMENT OF HOME SCIENCE

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Dr.Namrita Kola	Committee member in university Convocation Dec.2010

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Dr. M.S.Acharya & Dr. D. G. Thakker	Book writing for national open school- New Delhi is A project taken up at national level for school dropouts where new textbooks are written including life skills examples and for two books in Family Resopurce Management I am the author with Dr. D.G. Thakker
Dr. M.S.Acharya & Dr. Urvashi Pande	Book Written by me & Dr. U. Pande is published by IIPA Indian Institute of Public Administration is a source book for consumer clubs to be established in secondary school and is mandetory in 16 states all over the country.

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Dr.V. H.Patel	Member	Board of studies, Faculty of Home Science. S.D.Agri Universit, Sardar Krushinagar	---
	Chairman	Board of Studies , S.P.University	---
Ms.Neeta Dave	Member	Board of Studies , Faculty of Home Science S.P.University	---
Dr.M.S. Acharya	Chairperson	Acharya Research charitable trust	NGO at Vadodara
	Executive committee member and joint secretary	Sanskar Mandal, S.P.University, V.V.Nagar	NGO at V.V.Nagar
	Executive committee	Gram Shikshan Samitee	Municipality- V.V.Nagar N.G.O. appointed by Municipality council of V.V.Nagar

DEPARTMENT OF MATHEMATICS

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011

Name of the Teacher	Nature of Contribution
A.H. Hasmani	Preparation of developmental reports of the department like, progress report for SAP, annual report of the department, developmental proposals working as Ex-Officio of the Mathematics Association – a forum for the extra curricular activities in the department working as centre coordinator for NBHM Ph.D. Scholarship test and MA/MSc Scholarship test one of the reviewers of the Text Book of Mathematics for Std. IX Worked as coordinator, Entrance Tests for M. Phil. and Ph.D. in July, 2010
P.A. Dabhi	Development and maintenance of NBHM Library in the department

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
S.J. Bhatt	Member, Advisory Committee: UGC Academic Staff College, SP University Member, Advisory Committee: UGC –SAP-DRS Programme, Department of Mathematics, Indian Institute of Science, Bangalore. Convenor, NBHM Library Committee, Western Region Member, National Organizing Committee, International Congress of Mathematicians, August-2010, Hyderabad.
D.J. Karia	Member, NBHM Library Committee, Western Region

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
S.J. Bhatt	Member	Advisory Committee: UGC Academic Staff College, SP Uni.	Academic
	Member	Advisory Committee: UGC –SAP-DRS Programme, Department of Mathematics, Indian Institute of Science, Bangalore.	Academic
	Convenor	NBHM Library Committee, Western Region	Academic
	Chairman	VV Nagar Chapter, Gujarat Science Academy	Academic
	Member	Editorial Board, Annual Report, SPU	Academic
	Co-Coordinator	IQAC Cell, SPU	Academic
	Member	NBHM Regional Committee for Grant Allocation for International Congress of Mathematicians, August-2010, Hyderabad.	Academic
	Member	National Organizing Committee, Workshop on Variational Analysis, IIT, Gandhinagar	Academic

D.J. Karia	Member	NBHM Library Committee, Western Region	Academic
	Member	Examination Reforms Unit, SPU	Academic
	Member	Board of Studies in Mathematics, SPU	Academic
	Member	Board of Studies in Mathematics, Charusat, Changa	Academic
	Member	Technical Program Committee, CSC, SPU	Academic
	Member	Edusat Committee, SPU	Academic
	Placement Officer	University Placement Cell, SPU	Academic
A.B. Patel	Deputy Director	UGC Academic Staff College, SP University	Academic
	Member	Board of Studies in Mathematics, SPU	Academic
	Member	Board of Studies in Mathematics, Bhavnagar University, Bhavnagar	Academic
	Member	Board of Studies in Mathematics, VN South Gujarat University, Surat	Academic
A.H. Hasmani	Member	Board of Studies in Mathematics, SPU	Academic
	Member	Reviewer Team of the Syllabus for Standards 11 and 12, Gujarat Secondary and Higher Secondary Board, Gandhinagar	Academic
	Secretary	VV Nagar Muslim Education Society, VV Nagar	NGO
H.S. Mehta	Member	Executive Committee, Gujarat Ganit Mandal	Academic

DEPARTMENT OF PHYSICS

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Prof. A. R. Jani	Member of the following Committees of the University:-
	Finance and Establishment
	Building and Estate
	Library Purchase Committee
	Tender opening Committee
	IQAC
	Convener of ERU
Prof. K. N. Joshipura	Head of the Department, member of several academic committees PG Council, Senate, by virtue of Headship during 2010-11
	Member Editorial Board Prajna Journal of Pure & Applied Sciences SPU since long
	Hon. Director C. C. Patel Community Science Centre SPU since May 2008
	Chairman, Board of Studies in Physics, and member, Faculty Board of Science SPU during 2010-11
	Convener (since 1988) Dr. Vikram Sarabhai Elocution Competition held every year by Sanskar mandal, jointly with GSA – VVN Chapter & Community Science Centre SPU

Prof. U. H. Patel	As Member of the Board of studies in Physics, Framing of CBSC syllabi for the postgraduate courses and associated with the conduction of entrance tests of M Phil/PhD programme of the University.
Prof. P. K. Garg	Examination related work of the University
	Revision of syllabi (CBCS) at the M. Sc. & M. Phil levels
	Member of the Departmental research Committee
	Member of board of studies, S. P. University
Member of purchase committee of the department	
Prof. P. C. Vinodkumar	As Member of the Board of studies in Physics, Framing of CBCS syllabi for the Postgraduate courses, Associated with the conduction of entrance tests for MPhil/PhD programmes of the University etc.
Prof. V. M. Pathak	Worked as Secretary, Physics Alumni Association, Department of Physics.
Prof. M. P. Deshpande	Examination duties assigned by the university viz, flying squad, press duty, etc.
Dr. K. D. Patel	Worked as Chairman, Physical Society, Department of Physics to organize and conduct co-curricular activities like arrangement of guest lectures of eminent scientists, video show, sky gauging, quiz, sports day, annual day etc.

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Prof. K. N. Joshipura	Quite significant impact of individual / Departmental programmes and activities as follows.
	Due to individual and joint efforts of all faculty members, the Department of Physics has been emerging as an important institution for advanced learning and research in Physics in our State. This recognition/response comes from Scientists from PRL, IPR BARC etc visiting this Department.
	A sought-after Department for students from all over Gujarat, in our teaching programmes, in research activities and in other general academic seminars
	Impact of our research group on Atomic Molecular Physics SPU
	A position and recognition at national as well as international level
	Present and past Ph. D. Students also propagating the research message working in Gujarat and outside
	Impact of Outreach programmes & activities:-
	Known among the Uni Departments Colleges etc in the district and the state through the Scientific programmes of the Community Science Centre
Prof. P. C. Vinodkumar	Participated through invitation in an interaction meeting Fermi Lab – Indian Institutes Collaboration on Project X , Held at TIFR, Mumbai during 13-14 Jan 2011.

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Prof. A. R. Jani	Member of Board of studies in Physics	Bhavnagar University, Bhavnagar	Academic
		Gujarat University, Ahmedabad	Academic
		M. S. University of Baroda, Vadadora	Academic
Prof. K. N.	National	Indian Society of Atomic &	Academic Research

Joshiपुरa	Secretary, up to February 2011	Molecular Physics	Organization, Non-Govt, about 500 members from India and abroad
	Member	IAPT Regional Council RC – 7 Gujarat	A grass- root academic organization working for Physics Education at all levels in India
	Member	Editorial Committee for ‘Pragaami Tarang’ published annually by IAPT RC-7	IAPT RC-7 as above
	Editorial Member	Editorial Committee for ‘Prajna’ Journal of Pure & Applied Sciences, SPU	---
Prof. P. K. Garg	Life Member	- IACG - MRSI - IPA	---
Prof. A. T. Oza	Life Member	Material Research Society of India	Academic
Prof. P. C. Vinodkumar	Member of the Board of Council of Sciences (BOCS)	Indian School of Mines, Dhanbad, Jharkhand	Academic
Prof. V. M. Pathak	Member	Board of Studies in Physics, Saurashtra University, Rajkot.	Academic
	Member	Board of Studies in Physics, S. P. University, Vallabhvidyanagar	Academic
	Member	P.G.Board of Studies in Physics, S. P. University, Vallabhvidyanagar	Academic
	Member	Board of Faculty of Science, S. P. University, Vallabhvidyanagar	Academic
Dr. K. D. Patel	Executive Member	Sardar Patel University Teacher’s Association	Academic
	Member	Board of Studies in Physics, Shree Hemchandracharya North Gujarat University, Patan	Academic
Dr. N. K. Bhatt	Member	Board of Studies, Sardar Patel University	Academic

DEPARTMENT OF STATISTICS

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Ashok Shanubhogue	Head of the Department of Statistics
	Coordinator MQPM Programme
	Coordinator in Certificate Courses in (i)SPSS (ii) Biostatistics (iii) Financial Statistics
	Coordinator of six days corporate training programme entitled “Lean Six Sigma Black Belt (LSSBB)” for MQPM students through Break Through Management Group International (BMGI), Bombay organized by MQPM, Department of Statistics, Sardar Patel University, V.V.Nagar during December 14-19, 2010
	Coordinator of five days corporate training programme entitled “ISO 9001

	Lead Auditor Course” for MQPM Students through ISOQAR India (Pvt.) Ltd. organized by MQPM, Department of Statistics, Sardar Patel University, V.V.Nagar during December 03-07, 2010
	Coordinator of One-Day State Level Seminar “Career Opportunities Statistics through Statistical Computing” organized by PG Department of Statistics, Sardar Patel University, Vallabh Vidynagar during January 08, 2011
	Coordinator of One-Day State Level Seminar “Career Opportunities in Quality Management” organized by PG Department of Statistics, Sardar Patel University, Vallabh Vidynagar during January 22, 2011
	President of Alumni Association of the Department of Statistics
	Worked as Junior and Senior Supervisor at the University examinations
	Worked as a University representative in grade review committee of engineering colleges and ISTAR
	Working as member of research committee at Pramukh Swami Medical College, Karmasad
	Working as member (Statistical Expert) at Muljibhai Urological Research Centre Nadiad
	Working as a member of Board of Studies in Statistics, Business Studies, Management Studies.
	Working as a memebr P.G.Board
	Working as a member of Academic Council
	Working as a member of Senate
	Life member of Indian Society for Probability and Statistics
	Life member of Indian Statistical Association
	Life member of Gujarat Statistical Association
	Life member of Indiian Society for Medical Statistics
P.A.Patel	Worked as Senior and Junior supervisor at university examinations
	Worked as a subject expert for the post of lecturer in department and colleges
	Worked as a member of flying squad/observer at university examinations
	Working as a secretary of Alumni Association of the Department
	Worked as Departmental academic activities Incharge
	Member of Board of Studies
	Member of Board of Studies
	Life member of Indian Society for Probability and Statistics
	Life member of Indian Statistical Association
	Life member of Gujarat Statistical Association
J.M.Divecha	Participated in Essay competition on Making SPU a WCU organized by SPU – December 2010
D.P.Raykundaliya	Organizing Secretary of six days corporate training programme entitled “Lean Six Sigma Black Belt (LSSBB)” for MQPM students through Break Through Management Group International (BMGI), Bombay organized by MQPM, Department of Statistics, Sardar Patel University, V.V.Nagar during December 14-19, 2010
	Organizing Secretary of five days corporate training programme entitled “ISO 9001 Lead Auditor Course” for MQPM Students through ISOQAR India (Pvt.) Ltd. organized by MQPM, Department of Statistics, Sardar Patel University, V.V.Nagar during December 03-07, 2010
	Organizing Secretary of One-Day State Level Seminar “Career Opportunities Statistics through Statistical Computing” organized by PG Department of Statistics, Sardar Patel University, Vallabh Vidynagar during January 08, 2011
	Organizing Secretary of One-Day State Level Seminar “Career Opportunities in Quality Management” organized by PG Department of

	Statistics, Sardar Patel University, Vallabh Vidyanagar during January 22, 2011
	member of flying squad at university examinations
	Senior Supervisor in press during university examinations
	Junior Supervisor at university examinations
	Convener Paper Setters and Examiner in various PG examinations of Sardar Patel University, and Paper Setters and Examiner in MBA in CHARUSAT University, Changa.

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
D.P. Raykundaliya	Secretary August 2009 to October 2010	Sardar Patel University Teachers' Association (SPUTA)	Academic

DEPARTMENT OF BUSINESS STUDIES

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Dr. P. K. Rathod	Expert Member of Research Development Committee Participated as an Expert Member of the Research Development Committee for Ph.D. admission process:
	August 27, 2010: Meeting held at Department of Commerce and Business Administration, Saurashtra University, Rajkot.
	November 30, 2010: Meeting held at S. D. School of Commerce, Gujarat University, Ahmedabad.
	Seminar Secretary: In the UGC- SAP Two Day National Level Seminar on "Investors' Protection: Present Scenario and Future Perspective" organized by the Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar under the SAP scheme of the UGC, December 2-4, 2010.
	Workshop Director: In the Three Day Workshop on "Research Methodology in Commerce and Management" organized by the Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar, January 28-29, 2011.
	Attended Round Table Conference on Commerce & Accountancy Education in India: Issues and Challenges at New Delhi organized by the Institute of Chartered Accountants of India (ICAI), New Delhi, India, September 26, 2010:
Dr. S. K. Bhatt	Deputy Co-ordinator, UGC SAP, Programme, Department of Business studies, Sardar Patel University, Vallabh Vidyanagar
	Convener and secretary, Indian Commerce Association (ICA), Gujarat Chapter.
	V.P, Alumni association, Department of Business studies, Sardar Patel University, Vallabh Vidyanagar
	Life Member IIPA, New- Delhi.
Dr. R. M. Rathod	Quiz Competition under Swarnim Gujarat Celebration, 5th February 2011 (81 students participated) at P.G. Department of Business Studies
	Industrial Visit of Marketing Group Students (Sem-I), Tripcon Engineering and Western Engineering, GIDC- Vithal Ugyognagar, 28th August 2010.

	Coordinate students participation in Vidyog -2011 9-13 February 2011 (Industrial Trade Fair organized by Vithal Udyognagar (GIDC) Industrial Association), 70 students participated in this industrial fair.
	Organized One Day UGC –NET orientation for Commerce and Management Students, 22nd March 2011. (Total 50 students participated)
	Participated in Essay Competition “How to Make Sardar Patel University as World Class University, presented Essay on 14th February 2011.
	Performed role of Anchor in Welcome and Felicitation of Vice Chancellors, Organized by Sardar Patel University Teacher’s Association, 10th August 2010.
	Performed role of Anchor in Regional Training Programme of INFLIBNET at Bhaikaka Library, Sardar Patel University, Vallabh Vidyanagar, 17th May 2010 to 21 May 2010
	Organized one day workshop on How to Prepare for UGC NET Exam on 8th May 2010 at P.G. Department of Business Studies
	Organized Training Programme as Project Director on Professionalism by the International Trainer Jc Sunil Vergis from Kerala at P.G. Department of Business Studies, 30th May 2010.
	Workshop Coordinator of three days UGC sponsored State Level Workshop “Research Methodology in Commerce and Management, organized by our Department, 2-4 December 2010.
Dr. Y. M. Dalwadi	Member of Board of Studies Accounting of Sardar Patel University, Vallabh Vidyanagar.
D. S. Rohit	I have actively participated in the course preparation of M.COM for the subjects Business Environment and International Business Environment under the Choice Base Credit system.
	I m actively participated in all the extra curricular activities organized in the Department through out the year and had also participated and contributed to the National Seminar organized by the Department under the SAP-DRS-I
	I m also a member of Gym Khana Committee of the Department and handle the library work and handling debate and elocution activities of the department.

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Dr. P. K. Rathod	Coordinator as well as the Member of UGC-SAP (DRS-I) for 5 years period from 01.04.2007 to 31.03.2012. in the Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.
Dr. S. K. Bhatt	Dy. Co coordinator, SAP (DRS-I) programme sponsored by UGC, New Delhi on “Corporate Disclosure and Investors’ Protection in India in a changing scenario” period of 1/04/2007 to 31/03/2012 in the Department of Business Studies, Sardar Patel Unviersity, Vallabh Vidyanagar.
Dr. R. M. Rathod	Organized programme: Organized one day workshop on How to Prepare for UGC NET Exam on 8 th May 2010 at P.G. Department of Business Studies.
	Organized Training Programme as Project Director on Professionalism by the International Trainer Jc Sunil Vergis from Kerala at P.G. Department of Business Studies, 30 th May 2010.
	Organized One Day UGC –NET orientation for Commerce and Management Students on 22 nd March 2011. (Total 50 students participated).
	Organized Quiz competition of “Swarnim Gujarat”, 5 th February 2011.
	Co-ordinated Programme: Coordinated Alumni Meet of the Department on

	10 th April 2010.
	worked as Editor in official newsletter of Sardar Patel University – Shilshrutam
	Member of Business Studies (Commerce) board of study.

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Dr. P. K. Rathod	Vice President	Indian Accounting Association, Gujarat Branch, Ahmedabad	Academic
	Expert Member of the Research Development Committee for Ph.D. admission process	Department of Commerce and Business Administration, Saurashtra University, Rajkot.	Academic
		S. D. School of Commerce, Gujarat University, Ahmedabad.	Academic
	Member	Research Committee, Mohanlal Sukhadia University, Udaipur	Academic
	Member of Departmental Research Committee	Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Expert member	Board of Studies in Accounting, M.S. University of Baroda.	Academic
		Board of Faculty of Commerce, M.S. University of Baroda.	Academic
	President	Alumni Association, P.G. Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
Dr. S. K. Bhatt	Deputy Co-ordinator	UGC-SAP Programme, Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Vice-President	Alumni Association, P.G. Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Academic Counselor in IGNOU	New Delhi & Baba Sahib Ambedkar Open University at Vallabh Vidyanagar Study Centre.	Academic
Dr. C. K. Sonara	Life Member	All India Accounting Association	Academic
	Executive Member	Adarsh Sanskar Samaj, Ahemdabad.	Non-Academic
	Executive Member	Atmiya Satsang Samaj (Youth Body), Anand.	Non-Academic
	Member	Board of Accounting, Sardar Patel University	Academic
	Member	Gymkhana Committee of P. G.	Academic

		Department of Business Studies, Sardar Patel University. Vallabh Vidyanagar.	
	Member	Board of Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Secretary	Alumni Association, P.G.Department of business Studies, Sardar Patel University, V.V.Nagar	Academic
	Organizing Secretary	National Seminar, Organize by Department of Business Studies under UGC - SAP – Programme on 28 th – 29 th January 2011.	Academic
	President	Mass Marriage Committee	Non-Academic
Dr. R. M. Joshi	Member	Board of Studies in Commerce – S. P. University	Academic
	Member	Board of Studies in Commerce – Bhavnagar University	Academic
	Member	Board of Studies in Marketing – Saurashtra University	Academic
	Life Member	I.I.P.A New Delhi	Government
	Secretary	I.I.P.A Local Branch – V.V. Nagar	Government
Dr. R.M. Rathod	Life time Alumni member	G.H. Patel Institute of Business Management, MBA Programme, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Lifetime member	All India Commerce Association.	Academic
	Lifetime member	Indian Institute of Public Administration (IIPA), New Delhi.	Academic
	Secretary	Sardar Patel University Teacher’s Association (SPUTA) for the year 2010-11.	Academic
	2 nd Vice President (Training)	Junior Chamber International (JCI-Jaycess), Vallabh Vidyanagar	Non- Government (World Wide Federation of Young Leaders and Entrepreneurs)
	Joint Secretary	Alumni Association, Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Member	Commerce Board of Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Alumni & Event Co-ordinator	Alumni Association of MBA Programme, Bhavnagar University, Bhavnagar.	Academic
Dr.Y.M. Dalvadi	Treasurer	Alumni Association, Department of Business Studies, Sardar Patel University,	Academic
	Treasurer	Indian Accounting Association, Gujarat Branch, Ahmedabad.	Academic
	Treasurer	Sardar Patel Teachers	Academic

		Association, SPU, VVN. (For the year 2009-2010.)	
	Life Time Member	Indian Accounting Association, Gujarat Branch, Ahmedabad.	Academic
	Member	Board of Studies of Accountancy, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Member	Junior Chamber of International, Vallabh Vidyanagar chapter.	Academic
Ms.D.S.Rohit	Life time member	Alumni Association of P.G.Department Of Business Studies, Sardar Patel University	Academic
	Life time member	All India Commerce Association.	Academic
	Life time member	Sputa	Academic-teacher's union

DEPARTMENT OF ECONOMICS

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Dr. H. P. Trivedi	Managing Editor, Artha-Vikas, Departmental Journal
Dr. D. J. Chauhan	Managing Editor, Artha-Vikas, Departmental Journal
Dr. N. M. Patel	Co-ordinator of Departmental co-curricular and cultural activities, sports etc.
Dr. D. G. Ganvit	In charge of Library and general administration in Department.
Dr. Sonal Bhatt	Assistant Editor of Artha Vikas Journal published by this Department. Coordinator of the "H.M. Patel Memorial Elocution/Debate Competition" organized annually by the Department. Coordinator of the Visiting Faculty Programme in the Department.
J. K. Barot	Member of Departmental Committee of Scholarship and attendance.

(C) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organisation	Nature of the Organisation Academic/Government/ Non-Government
Dr. H. P. Trivedi	Member	Syndicate of Sardar Patel University	Academic
	Coordinator	IGNOU Local Study Centre, managed by SPU	Academic
	Expert Member	Research Committee, P.G. Dept. of Home Science, SPU	Academic
	Member	Indian Society of Agricultural Economics, Mumbai	Academic
	Member	Indian Economic Association, Kolkata	Academic
	Chairman	Board of Studies (Economics), SPU	Academic
	Member	Board of Study for Economics, H.N.G. University, Patan	Academic
	Member	Board of Study for Economics	Academic

		M.S. University, Baroda	
	Life Member	Indian Economic Association, Bombay	Academic
Dr. H. P. Trivedi	Life Member	Gujarat Economic Association, Ahmedabad.	Academic
Dr. D.G. Ganvit	Life Member	Gujarat Economic Association, Ahmedabad.	Academic
Dr. Sonal Bhatt	Life Member	Gujarat Economic Association, Ahmedabad.	Academic
Dr. N. M. Patel		Gujarat Economic Association, Ahmedabad.	
Dr. D. J. Chauhan		Gujarat Economic Association, Ahmedabad.	
Dr. H. P. Trivedi	Chairman	Rural Development Society, V. V. Nagar (NGO)	Non-Government
Dr. H. P. Trivedi	Hon. Director,	Agro Economic Research Centre for Gujarat and Rajasthan	Government
Dr. D. J. Chauhan	Member	All India Economic Association	Academic
Dr. D. J. Chauhan	Member	Board of Studies, S. P. University, V. V. Nagar.	Academic
Dr. N. M. Patel	Member	Board of Studies, S. P. University, V. V. Nagar.	Academic
Dr. Sonal Bhatt		Board of Studies, S. P. University, V. V. Nagar.	
Dr. N. M. Patel	Executive member	University Ladies Hostel, S. P. University, V. V. Nagar	Academic
	Executive member	Student Harassment Cell, S. P. University, V. V. Nagar	Academic
	Executive member	Anyo-Anyo Co-operative Society, Anand	NGO
	Executive member	Rural Development Society, V. V. Nagar (NGOs)	NGO
	Rector	University Ladies Hostel, S. P. University, V. V. Nagar.	Academic
J. K. Barot	Member	Board of Study for Economics, H.N.G. University, Patan	Academic
	Assistant Coordinator	IGNOU Local Study Centre, managed by SPU	Academic

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

(A) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Prof. H.J. Jani	Organized all the aspects related with the visit of NAAC team for Re-accreditation of the University as a Coordinator of Internal Quality Assurance Cell (IQAC).
	Member, Planning and Monitoring Board, S.P.Uni.V.V.Nagar
	Member, Board of Studies, Business Management, S.P.Uni.V.V.Nagar
	Member, Examination Reforms Unit
	Member, Board of Studies for BBA Faculty, Dharmsinh Desai University, Nadiad
	Invited as Expert Member and also nominated as Vice Chancellor's

	nominee in many colleges for selection of Commerce and Management Teachers of the University.
Dr.Yogesh. C.Joshi	Have been a Member of Various Academic bodies,at University,State,National and International level. Organised Seminar in the Department liked “ Managing Development”
Dr.Darshna R.Dave	Member, Board of Studies in Management, S.P.University, V.V.Nagar Member of the Editorial Board, Journal of Marketing Trends, Institute of Public Enterprise,Hydrabad Member of the Syllabus Framing Committee, Prepared Syllabus for Sales & Dist. Management & International Marketing for Gujarat Technological University, Ahmedabad. Editor,Synergy – Journal of Management,S.P.University,V.V.Nagar.
Dr.P.K.Priyan	Member of Board of Studies in Management, S.P.University, V.V.Nagar Member of GTU Syllabus Committee related to Finance Area Courses Executive Member of Charotar Management Association, Vithal Udhyog Nagar Honorary fellow of Institute of entrepreneurship Development,Thiruvandapuram,Kerala
Dr.A.C.Mehta	Member of Board of Studies in Management,S.P.University,V.V.Nagar

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Dr.Yogesh C.Joshi	Involved in preparation of District Human Development Report,which will be used for economic Planning at District level.

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Prof. H. J. Jani	Member	Academic Council	---
	Coordinator	Internal Quality Assurance Cell	---
	Member	Research Committee, PG Dept. of Home Science	---
	Member	Standing Committee	---
	Member	Building Committee	---
	Member	Academic Council	Bhavnagar University.
	Member	Governing Body	MBA College, Visnagar
	Member	Board of Studies in Business Management	Bhavnagar University
	External Member Hon. Secretary	Faculty of Management Indian Institute of Public Administration	Banasthali University IIPA Local Chapter
Prof. R.P.Patel	Member	Board of Studies in Management	Sardar Patel University,V.V.Nagar
	Member	Board of Studies in Management	Bhavnagar University,Bhavnagar
	Member	Board of Studies in Commerce	Bhavnagar University, Bhavnagar
	Member	Board of Studies in Commerce	Hemchandracharya North Guj.University,Patan

	Member	Board of Studies in Public Administration	Veer Narmad South Gujarat University, Surat
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DEPARTMENT OF SOCIOLOGY

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Dr. J M Trivedi	Accredited/Reaccredited 7 Colleges across the country as member/ member- coordinator in NAAC, Bangalore. 1 College in Manipur, 1 college in Mizoram, 2 colleges in Maharashtra State, 1 college in Karnataka, 2 colleges in Uttarakhand State
Dr. R H Makwana	Member, Board of Studies, S P Uni. Chairman, Board of Study, Katchh University.

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Dr. J M Trivedi	Appointed and working in Committee on Course in Rural Sociology and Extension, M.L.Sukhadia University, Udaipur (Rajasthan)
Dr. R H Makwana	Member of Ethical Committee in Applied Science & Technology University, Changa

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Dr. J M Trivedi	Member & Member Coordinator	NAAC, Bangalore	Academic
	Member	Board of Studies in Sociology and Faculty Bhavnagar University, Bhavnagar	Academic
	Member	Board of Studies in Sociology, Hemchandracharya North Gujarat University, Patan	Academic
	Member	Board of Studies in Sociology, Veer Narmad South Gujarat University, Surat	Academic
	Member	Board of Studies in Sociology, Faculty, Academic Council, P G Board Senate, S P University	Academic
	I/C Convener	Indian Sociological Society	Academic
Mr. P M Parmar	Member	Council for Social Justice, Ahmedabad	NGO
	Member	Dalit Awaj- Gujarat	NGO
	Member	Board of Studies	Academic
Dr. R H Makwana	Executive Member	Gujarat Sociological Society, Ahmedabad	Academic
	Convener	Indian Sociological Society, New Delhi	Academic

Dr. I M Macwan	Member	Board of Studies	Academic
	Member	CERLIP, V V Nagar	Academic

DEPARTMENT OF HISTORY

(a) **Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.**

Name of the Teacher	Nature of Contribution
Prof. Jigish M. Pandya	Board of Studies in History at the S.P.University Vallabh Vidyanagar
	Active Participation in organizing Annual Day celebration, Invigilator in External and Internal Examinations of the University.
	Participation as Member, Flying Squad, External Exam, S.P.University. Invigilator in External and Internal Examinations of the University.
Shri. D.C. Chaudhari	Active Participation in organizing Annual Day celebration, Study Tour, Youth Festivals, etc.
	Participation as Member, Flying Squad, External Exam, S.P.University. Invigilator in External and Internal Examinations of the University.
	Active Participation in organizing Annual Day celebration, Study Tour, Youth Festivals, etc.
Dr. Hemant Dave	Active Participation in framing of the new semester-wise Syllabus of History as Member, Board of Studies, History, S.P.University.
	Participation as Member, Flying Squad, External Exam, S.P.University. Invigilator in External and Internal Examinations of the University.
	Active Participation in organizing Annual Day celebration, Study Tour, Youth Festivals, etc.
	Active Participation in organizing Annual Day celebration, Study Tour, Youth Festivals, etc.

(c) **Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.**

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Prof. Jigish M. Pandya	Member	Board of Studies in History	Academic
		Sardar patel uni,v.v.Nagar	Academic
		Bhavnagar University, Bhavnagar	Academic
		Saurashtra University, Rajkot	---
	VeerNarmad South Gujarat University, Surat	Academic	
	Member	Indian Historical Record commission, New Delhi	Academic
Dr. Hemant Dave	Member	Board of Studies, S.P.U.	Academic

DEPARTMENT OF POLITICAL SCIENCE

(a) **Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.**

Name of the Teacher	Nature of Contribution
Dr. Suresh Makavana	Superintendent of Nehru Hostel Men's No-02, of the Sardar Patel University Vallabhvidyanagar Dist- Anand for the years of 2010-2011. (S.P.University Wide letter No.D.F.3/Hostel/2010-11/777 Date 18/5/2010)

(b) **Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.**

Name of the Teacher	Impact
Dr. Sangita N pathak	Member of Advisory committee

Dr. S.M Makavana	Gujarat sc/st teaching & non-teaching employee's organizations advisory committee's member
	Free coaching for Scheduled tribe Student with advisory committee member 2010-11, as appointed office of Employment (University Rojagar centre) Government of Gujarat
	University barriers/Officers and working as a Superintendent of Nehru Hostel Men's No-02 for the years of 2010-2011(April-2010 to May 31 - 2011) from the S.P.University
Dr. Pankaj Suvera	Member of Sardar Patel University Advisory committee for ST/SC cell

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Prof.L.R. Yagnik	Join tsecretary	Indian Association of Applied Psychology CHENNAI	Academic
	President	Community Psychology Association Faizabad	Academic
Dr Samir J Patel	Zonal secretary	Gujarat Psychology Association	Academic
	Life Member	Indian Association of Applied Psychology Chennai	Academic
Dr. Pankaj Suvera	Life Member	Indian Association of Applied Psychology CHENNAI	Academic
Dr. Sangita N pathak	Life Member	Indian Association of Applied Psychology CHENNAI	Academic
Dr. Suresh Makavana	Life Member	Indian Association of Applied Psychology CHENNAI	Academic
Dr. Pankaj Suvera	Joint- Secretary	Akhil Gujarat College And University Adivasi Teacher Association	Non-Government
	Life Member	Sardar Patel University Advisory Committee for SC/ST call	Academic
	Life Member	Gujarat College and University SC/ST Teacher Association	Non-Government

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Prof. U. A. Thaker	Participation in the academic visit of the students of BLISc and MLISc at various Library at Ahmedabad
	Member of Curriculum committee at different Universities in Gujarat
	Lectures delivered on Reading Habits under "VANCHE GUJARAT" Programme at N. V. Patel Science College, Vallabh Vidyanagar
	How to review the book for LIS Students
Dr. N.D. Oza	Participation in the academic visit of the students of BLISc and MLISc at various Library at Ahmedabad
	Participated in Syllabus restructuring Committee
	Resource person for the Department in Life Enrichment Studies and Soft Skill paper under CBCS Courses

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Prof. U. A. Thaker	National Level Expert Committee, UGC
	Subject expert, State level committee, GSLET
	Selection committee at different universities in Gujarat and out of Gujarat
	Member of selection and adhoc committee, Gujarat Vidyapith
	Member of selection and adhoc committee, Bhavnagar University
	Academic and curriculum committee, Gujarat University
	Member of selection and adhoc committee, HNG University, Patan
Member of Research University, Audh University, Udaipur	

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Prof. U. A. Thaker	Member of Academic Council	Gujarat Vidyapith	Academic
	Member of Adhoc Council	Gujarat Vidyapith	Academic
	Member of Examination Body	Gujarat Vidyapith	Academic
	Member of Selection committee	Gujarat Vidyapith	Academic
	Member of Adhoc Board	Gujarat University, A`bad	Academic
	Member of Adhoc Board	Bhavnagar University	Academic
	Member of Examination Body	Bhavnagar University	Academic
	Member of Selection committee	Bhavnagar University	Academic
	Member of Selection and Adhoc committee	H N G University	Academic
	Member, Knowledge Consortium for Gujarat	Commissioner of Higher Education, Gujarat State	Government
	Member of Curriculums Revision Committee	Gujarat Vidyapith & Gujarat University	Academic
	Member working group of Library Networking in Gujarat	Commissioner of Higher Education, Gujarat	Government

	Member Task Force Committee for NMICT	S. P. University	Academic
	Subject Experts, Commission for Scientific & Technical Terminology	MHRD, Govt. of India	Academic
Dr. N. D. Oza	Member of Board of Studies	S. P. University	Academic

DEPARTMENT OF POLITICALSCIENCE

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Dr. Baldev Agja	Joint secretary Indian Institute of Public Administration Local branch, Vallabh Vidyanagar, Gujarat
	Life Member & Member Executive, Gujarat State Scheduled caste-Scheduled tribes College and University Teacher's Association, Surat
	Member, Advisory Committee Dr. Babasaheb Ambedkar Chair, Sardar Patel University, Vallabh Vidyanagar
	Member, Advisory Committee at University Level, UGC Establishment of Special Cell for SC'ST in Sardar Patel University, Vallabh Vidyanagar
	Member of Exam Reform Unit, Sardar Patel University, Vallabh Vidyanagar
	Member of The Faculty of Arts Sardar Patel University, Vallabh Vidyanagar

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Dr. Baldev Agja	Review Expert Committee Member	Constituted by the University Grants Commission Chairman for on-the spot-inspection of the Gandhigram Rural Institute, Gandhigram- 324 302, Dindigul District, Tamil Nadu, during 7-9 January, 2010	Academic
	Expert Committee Member	Constituted by the University Grants Commission Chairman to consider the proposal of Davangere University, Davangere, Karnataka for its inclusion under Section 12(B) for receiving central assistance. The Committee will also consider the proposal of the University for assistance under XI Five Year Plan.	Academic
	UGC Nominee	Planning and Monitoring Board	Academic

		of Kannur University, Kannur, Kerala for a period of 4 years.	
Research Committee Member		Gandhi Peace Foundation, New Delhi, in association with Gujarat Vidyapith and the University Grants Commission propose to organize an Orientation Course for the Co-ordinators of the Centres of Gandhian Studies in the Universities and Colleges.	Academic
Expert Committee Member		UGC has constituted an Expert Committee member, Malankara Catholic College, Mariagiri, Kaliakkavilai Post, Kanyakumari District-629 153, Tamil Nadu affiliated to Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli	Academic
Co-ordinator, NET Coaching Centre		UGC Scheme New Delhi S.P. University, V.V. Nagar	Academic
Life Member		The Indian Political Science Association (IPSA)	Academic
Life Member		Indian Institute of Public Administration	Academic
Regional Secretary		Political Science Association (Gujarat Rajyashastra Mandal-GRM), Ahmedabad	Academic
Vice-President & Life Member		Gujarat State Scheduled Caste/Scheduled Tribes Teaching and non-teaching Mahamandal, Visnagar	Academic
Counsellor		EPS-1.3.5.6, Study Centre, Vallabh Vidyanagar, Indira Gandhi National Open University (IGNOU), New Delhi	Academic
Former Secretary		Sardar Patel University Teacher's Association (SPUTA), Vallabh Vidyanagar	Academic
Advisory Member		Centre of Excellence for Ethics in Politics and Public Administration funded by the Government of Gujarat. (S.P. University)	Academic
Member		Board of Studies in Political Science, Sardar Patel University, V.V. Nagar	Academic
Member		Board of Studies in Political Science, Bhavnagar University	Academic
Member		Board of Studies in Political Science, in Krantiguru Shyamji Krishna Verma, Kachchh University, Bhuj	Academic
Guide for Ph.D		Political Science, Sardar Patel University, V. V. Nagar	Academic

Guide for Ph.D.	Peace Studies and Resolving conflict in Gujarat Vidyapith, Ahmedabad	Academic
Guide for Ph.D.	Political Science in Krantiguru Shyamji Krishna Verma, Kachchh University, Bhuj	Academic
Regional Secretary	Gujarat Rajyasashtra Mandal, V.V. Nagar	Academic
Founder Secretary	Dr. Ambedkar Pragati Mandal, Akhaj, Dist. Mehsana Gujarat	Academic
Life Member	Sant Shri Rohidas Seva Samaj Gujarat, Gandhinagar	Academic
Life Member	Mahesana District Nagrik Mitra Mandal, Anand, V.V. Nagar	Academic
Active Member	“Kadam” Manav Sangh, Anand	Academic
Active Member	Council for Social Justices, Ahmedabad	Academic
Executive Member	Gandhi Shanti Chhatra Sangha, Ahinsha Sodh Sanstha, Gujarat Vidyapith, Ahmedabad	Academic
Member	Advisory committee NET coaching centre for SC/ST & Minorities U.G.C., New Delhi Scheme in Bhavnagar University, Bhavnagar.	Academic
Member	AIFUCTO (All India Federation of University & College Teachers Organisations), Kolkata, (West Bengal).	Academic
Member	Exam Reforms Unit, Sardar Patel University, V.V. Nagar	Academic
Member	Vidyalaya Management Committee (VMC), Central School, V.V. Nagar	Academic

DEPARTMENT OF HINDI

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011

Name of the Teacher	Nature of Contribution
Dr. N.K.Chauhan	Over All Incharge Of Yoth-Festival Of Sardar Patel University, V.V.Nagar Participation As Well As Co-Operation In Cultural & Academic Activities In The Department & University.
Dr. D.S.Tripathi	I Always Particiand Workshop, Cbcs- S.P.University Programm Highly Copration In Academic – Dept. Of Hindi And University Activities.
Dr. M.M.Sharma	Participation As Well As Co-Operationin Cultural & Academic Activities In The Department & University
Dr. H.M.Parmar	To Give Guidance To The Students For Essay And Debat Cometition And Cultural Activities.
Dr. K.V.Bhokri	Participation As Well As Co-Operation In Cultural & Academic Activities In The Department & University.

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
Dr. N.K.Chauhan	Member, Board Of Studies In Hindi – S.P.University, V.V.Nagar
	Member, Board Of Studies In Hindi – Bhavnagar Uni. Bhavnagar
	Member, Board Of Studies In Hindi – M.S.University Baroda.
Dr. M.M.Sharma	Member, Board Of Studies In Hindi – S.P.University, V.V.Nagar
	Member, Editorial Board For “Sheel Shrutam” (S.P.Uni.)

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of The Position Held	Name of The Organization	Nature of The Organization Academic/Government/ Non-Government
Dr. N.K.Chauhan	Member	SPUTA	Academic Non-Govt.
	Member	P.W.A.	Academic Non-Govt.
	Member	Yuvakbiradari, Mumbai	Cultural & Academic
	Prasident,	‘Hau’ Lalit Kala Munch V,V,Nagar	---
	Nodel Officer,	S.P.University	Govt.
Dr. D.S.Tripathi	Chairman	Board of Studies In Hindi	S.P.University Academic
	Member	Hindi Sahitya Parisad	Dept. Hindi Allahabad University
	Member	SPUTA	S.P.University (Non-Govt.)
Dr. M.M.Sharma	Member	Sardar Patel University Teachers Association	Academic Non-Govt.
Dr. K.J. Trivedi	Member	Board of Studies In Hindi, (P.G.)	Academic, S.P.Uni. V.V.Nagar
Dr. H.M. Parmar	Member	Board of Studies In Hindi	Academic, S.P.Uni. V.V.Nagar
Dr. K.V. Bhokri	Executive Member	Sputa, University Teacher Association Representative	Hindi Dept. S.P.Uni.

DEPARTMENT OF SANSKRIT

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Dr N P Patel	Diliver Lecture ‘Sandhan’ at Gandhinagar

DEPARTMENT OF GUJARATI

(a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc.) during 2010-2011.

Name of the Teacher	Nature of Contribution
Prof. B. R. Brahmhatt	Worked as a member of Editors of Magazine ‘VI’ pub. by Charutar Vidyamandal
Prof. P. D. Pandya	Youth Festival Team Incharge
Prof. Param Pathak	Co-ordinator of Life Enrichment Course at P. G. Level in Faculty of Arts Sem : 2 Sardar Patel University
	Chief Editor of News Bulletin of S. P. Uni. ‘Sheel Shrutam’

(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2010-2011.

Name of the Teacher	Impact
B. R. Brahmbhatt	Gurukulam Sabarmati Ahmedabad (Advisory Board)

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2010-2011.

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/ Non-Government
Prof. B. R. Brahmbhatt	Executive Member	Syllabus Committees	Sardar Patel University Vallabh vidyanagat
	Executive Member	Syllabus Committees	Saurashtra University Rajkot
	Executive Member	D. R. C.	Sardar Patel University Vallabh Vidyanagar
	Executive Member	D.R. C	Saurashtra University Rajkot
Prof. P. D. Pandya	Executive Membar	Abhyas Samiti	Academic
	Executive Member	Ladis Hostel Com	Academic
	Co-ordinater	Radio Station	Academic
	Executive Member	Women Cell	---
	Executive Member	Anti Ragging	---
Prof. Param Pathak	Member	Board of Studues in Gujarati	Academic

(3) PROCESSES DEVELOPED/ RELEASED BY THE POSTGRADUATE DEPARTMENTS

DEPARTMENT OF BIOSCIENCES

Name of Teacher	Details of Process	Period (Date)
Dr. Datta Madamawar	Isolation of high molecular weight Metagenomic DNA from highly polluted soil	---
	Purification of phycobiliproteins from Cyanobacteria	---
Dr. T.V. Raman Rao	Development of edible coatings and combinations of chemicals for postharvest treatments	---

DEPARTMENT OF COMPUTER SCIENCE

Name of the Teacher	Details of Process	Period (Date)
Dr. Priti Srinivas Sajja	Developed different activation functions for neurons in artificial neural network	December 2010

DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Details of Process	Period (Date)
Dr. R. M. Rathod	Design syllabus of Semester III and IV of M.Com in subjects of Marketing Management and HRM also participate in CBCS designing and implantation state at undergraduate level and postgraduate level as board member	2010-11
Dr. R. M. Rathod	Work as member in Admission Committee of Ph.D. and M.Phil Entrance Exam	2010-11

DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Details of Process	Period (Date)
Prof. L. R. Yagnik	Made new Choice base credit system course fro semester I and III	April 2010- march 2011
Dr. Samir J. Patel	Made new Choice base credit system course fro semester I and III	---
Dr. Sangita N. Pathak	Made new Choice base credit system course fro semester I and III	---
Dr. S. M. Makavana	Made new Choice base credit system course fro semester I and III	---
Dr. Pankaj Suvera	Made new Choice base credit system course fro semester I and III	---

3.7 RESEARCH AWARDS/PRIZES/SCHEMES OPERATED BY THE UNIVERSITY AND THE AWARDEES OF 2010-2011.

The University has instituted a large number of research awards for encouragement, appropriation and recognition of quality research work being done in the country. The following is a list of such scheme being operated by the university.

- (A) **HARI OHM ASHRAM PRERIT SHRI HARI VALLABH CHUNILAL SHAH RESEARCH ENDOWMENT AWARD IN ELECTRONICS FOR DECLARED DURING 2010-2011.**
- (B) **DR C.K.SHAH AWARD IN PLANT SCIENCE**

The Award is give to the author of research paper in plant science (Botany/Agriculture Botany/plant Biotechnology)adjudged in a calander.The Awardee for the year 2010-11 is the following.

No	Name and Address of Author & Co-author	Topic	Award Rs.
1.	Dr. Nirmal Kumar J.I. Professor & Head ISTAR Vallabh Vidhyanagar	“Chronic Toxicity of the Triazole Fungicide Tebuconzole on a Heterocystous,Nitrogen-Fixing Rice Paddy Field Cyanobacterium, Westiellopsis prolifica Janet”	500.00
2.	Ms. Anubhuti Bora (Co-Author) Project Fellow , ISTAR Vallabh Vidyanagar	“Chronic Toxicity of the Triazole Fungicide Tebuconzole on a Heterocystous,Nitrogen-Fixing Rice Paddy Field Cyanobacterium, Westiellopsis prolifica Janet	500.00
3.	Ms.Manmeet Kaur AMB	“Chronic Toxicity of the Triazole	500.00

(Co-Author) Projec Fellow, ISTAR Vallabh Vidyanagar	Fungicide Tebuconazole on a Heterocystous,Nitrogen-Fixing Rice Paddy Field Cyanobacterium, Westiellopsis prolifiga Janet’	
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(C) SHRI DADABHAI NAVROJI PRIZE IN SOCIAL SCIENCES

A Prize of Rs.8000/- for a research paper adjudged in social science in a calendar year for teachers of Sardar Patel University. The award for the year 2010-2011 is the following.

Dr.Sonal Bhatt,Assistant Professor,P.G.Department of Economics, Sardar Patel University.Vallabh Vidyanagar

(D) HARI OHM ASHRAM PRERIT BHAIKAKA INTER UNIVERSITY SMARAK TRUST BEST RESEARCH PAPER AWARDS IN HUMANITIES AND SCIENCES

(E) SMT. KASHIBEN AND SHRI GORDHANBHAI PATEL SCHOLARSHIP FOR P.G. STUDENTS YEAR 2010-2011

Name	Semester	Departments	Amount Scholarship
Ms.Namrataben Dineshbhai Patel	M.Sc. (Previous)	Biosciences	16500/-
Ms.Pushpababen Laxanbhai Damor	M.Sc. (Final)	Biosciences	16500/-
Mr.Harendrakumar D. Varmora	M.Sc. (Previous)	Statistics	16500/-
Mr.Rajendra Ganpatrao Desai	M.Sc. (Final)	Statistics	16500/-
Mr.Bhumitkuamr Johnbhai Pramara	M.S.W.(Previous)	M.S.W	16500/-
Ms. Chaitali Gopal Gandhi	M.S.W. (Final)	M.S.W	16500/-
Mr.Jaymitkumar Vasantlal Chauhan	M.B.A (Previous)	M.B.A	16500/-
Roma Parsottam Yadav	M.B.A (Final)	M.B.A	16500/-

3.8 ACTIVITIES OF CHAIRS

(1) SARDAR PATEL CHAIR

- (1) On Sardar Jayanti 31st October 2010,Pushpanjali at Sardar Patel’s Statue
- (2) A Competition arranged subject on “Me Vachya , Me Janya Sardar Ne”

(2) BHAIKAKA ADHYAYAN AKAM PRAKALP

- (1) Two day Workshop on “Bhaikaka Leadership Training “ on 18 and 19 September 2010.
- (2) Essay Competition was organized on “Vidyanagar Na Vishvakarma :Bhaikaka on 3rd March 2010 for Secondary School Students.
- (3) Essay competition was organized on “Contribution of Bhaikaka in the field of Education” on 3rd March 2010.

(3) CORPORATION BANK CHAIR IN MANAGEMENT (MBA)

- (1) A lecture of Mr.Prof.Ramesha Krishnappa,NIBM,Pune, on “Emerging issues in Banking Prospect and Problem”21st February 2011.

(4) AUROBINDO CHAIR OF INTEGRAL STUDIES

Highlights of the Activities				
(i)	Publication of “The Sunlit Path” – a monthly e- magazine along with the hard copy			
(ii)	Conducted more than 30 Integral Study Meet & other lectures on various themes for the students and faculty of Sardar Patel University.			
(iii)	Designing and Introducing a short credit course on “Life Enrichment” for the postgraduate Students of Humanities and Social Science at Sardar Patel University			
(iv)	Preparation of Text Books and Teaching/Learning Material/Video Lecture Series for the “Life Enrichment Course ”Sardar Patel University as well as for other Universities of Gujarat State and making the text books available on the University webpage.			
(v)	Conducted several Workshop/Seminar/Invited talks/Radio Programs –on the Identified sub themes : Integral Education, Integral Life and Integral Health.			
(vi)	Carrying out and providing consultations on Interdisciplinary Research.			
(vii)	Contribution to the Curriculum Development/Preparation for the Indian Institute of Teacher Education, Gujarat and at he National Consultation for Reforms in Medical Education(NATCON) In the principles of Integral Education and Integral Health			
1. Innvative Contribution to Higher Education				
Life Enrichment Course a Sardar Patel University in vision and mission of Sri Aurobindo Chair of Integral Studies, Life Enrichment Course was introduced as a short credit course in second semester of Postgraduate of Humanities and Social Science under the Choice Based Credit System(CBCS). The concept and design of the curriculum was done by a team of Dr.Bhalendu Vaishnav,Dr.D.S.Mishra and Dr.Param Pathak.Text book for the course was prepared by Dr.Bhalendu Vaishnav,Dr.D.S.Mishra,Dr.Param Pathak and Dr. Mahendra Chotaliya. The text book has been published as per the following details: Volume I : Integral life and Integral Education –Published in English & Gujarati Volume II :Integral Health and Self Studies – Published in English Volume III: Question Bank and Learning Activities-published in English & Gujarat Dr.Param Pathak Coordinated the implementation of the Life Enrichment Course for Training the Faculty the for the course, two workshops were conducted (i) orientation Workshop in 2010 and (ii) Refresher Workshop in 2011.				
2. Life Enrichment Course for the students of Higher Education in various Universities of Gujarat State.				
A lecture Series on the Life Enrichment Course for the students of all University in the Stat of Gujarat is being prepared at BISAC as a part of Open Gujarat Higher Education Classes. Video recording of eminent teacher once in a week w.e.f.9.9.2011.				
3. Publication:				
Text Books of life enrichment Course : Vol.I,II,III in English, Volume I and III in EnglishPrepared under the auspices of the Chair.				
A Chapter entitled “Integral Health in Clinical Practice” written by Dr.Bhalendu Vaishnav in the text Book of Postgraduate Medicine accepted for Publication by The Association of Physicians of Indian for its Annual Conference APICON 2012.				
4.Workshops :				
Workshop for the Principles of the Affiliated colleges conducted by :Prof.Kittu Reddy,Sri Aurobindo Ashram,Pondicherry Participants About a 25 Principals of affiliated colleges participated				
5. A.B.Patel Endowment Lecture :				
Date	Speaker	Topic	Venue	Target Audience
20-1-10	Dr.Soumitra Basu	Integral Health	Sri Aurobindo Sadhana Kendra	Staff,students & citizens of the campus
20-1-10	Jyotiben Thanki	Seva ej Sadhana	H.M.Patel Centre of Medical Care & Edu.,	Nursing Staff & Students

			Karamsad.	
8-1-10	Jyoti Thanki	Sarvangl Manav Vikas	P.G Deptt. Of Sociology, Humanities Bulding S.P.University	Students of P.G. Deptt.of Sociology
8-2-10	Jyotiben Thanki	Divya Karmono Karta	Sri Aurobindo Sadhna Kendra	Staff,students and Citizen of the campus
21-10- 10	Dr.Bhalendu Vaishnav	The Science And art of Healin	The M.S.University of Baroda	National Seminar on Sri Aurobindo's Vision and The Global Perspetcive
14-6- 10	Dr.Bhalendu Vaishnav	Teacher Student Relationship	B.B.Institute of Technology,Vallabh Vidyanagar Teachers faculty of Eng.	In State level at Short Program on Recent Advances in Pedagogy
8-1-10	Dr.Bhalendu Vaishnav	Spititual Dimension of Antenatal Care	Maduban Resort V.V.Nagar	State Level conference Of Obst.& Gyn Society SOGOG
6. On 29 March,2010 on "National Integration"by Shri Manisnh Chavda,Rajkot.				
7. On 22nd July, competition was held for presentation on Sardar Patel's Life for the selection Of the students.				

(5) DR.BABASAHEB AMBEDKAR CHAIR

- (1) Essay competition of "Dr.Ambedkar ane Shikasan"on 21st January 2011 for Secondary & Higher Secondary Students.
- (2) One day Seminar on 'Dr.Baba Saheb Ambedkar Adhyayan Akem Prakalp'on 11th October 2010.
- (3) Essay competition of "Dr.Baba Saheb Ambedkar Adhyayan Ekam Praklp'on 30th September 2010.

(6) THE MOTA CHAIR

- (1) A Lecture of "Poojya Mota" on 7th September 2011.
- (2) A Lecture of Jointly Mota Chair & M.B.Patel college of Education on 6th October 2010.
- (3) One day Seminar on "Abhyas Gunvatta ane Shisksan praShiksan" .

(7) CHAROTAR VIDYA MANDAL FOR GANDHIAN STUDIES CENTRE

- (1) On "Gandhi Jayanti" 2nd October 2011 organized of Pushpanjali at Gandhiji statue.

(8) ACTIVITIES OF ASSOCIATED CENTRE /CHAIRS/CELL IN 2010-2011

DEPARTMENT OF PHYSICS

Name of Chair	Chair person	Activities	Venue
SFRCI	S. N. Jha	---	Dept. of Physics

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of Chair	Chair person	Activities	Venue
Corporation Bank Chair	Dr.P.K.Priyan	Expert Talk on “Emerging issues in Banking Industry : Prospects & Challenges” by Prof.Ramesha krishnappa, Prof.,NIBM,Pune.	Shri G.H. Patel Postgraduate Institute of Business Management, M.B.A. Auditorium,S.P.Uni.V.V.Nagar

DEPARTMENT OF SOCIOLOGY

Name of Chair	Chair person	Activities	Venue
Dr. Babasaheb Ambedkar Chair	Dr. R H Makwana	Seminar on Human Rights and Social Justice	Dept. of Sociology
		Essay Completion on and Debate on Life and Work of Dr. Ambedkar	Dept. of Sociology
Center for Indian Diaspora	Dr. A M Merchant	Seminar on Contribution of Indian Diaspora in regional development	M B Patel Hall, SPU,VVN

3.9 ACADEMIC CENTRES

(1) CHAROTAR VIDYA MANDAL FOR GANDHIAN STUDIES CENTRE

- (1) Essay competition was organized on “Gandhiji ane Binsampradayakta” on 25th August 2009 for College Students.
- (2) An organized lecture of Pu. Muktatmya Chaitanyaji, Ahmedabad, on “Gandhiji ane Geeta Darshan” on 29th August 2009
- (3) On “Gandhi Jayanti” 2nd October 09 organized of Pushpanjali at Gandhiji’s statue.
- (4) A organized lecture of Dr.Rizwan Kadari, Ahmedabad, on “Gandhi & Tilak” on 11th January 2010.
- (5) A organized lecture of Dr.Vekaria, Ahmedabad, on “Lokmanya Tilak ane Mahatma Gandhi” & “Rastrapita aek Pita tarike” on 21st to 23rd January 2010.
- (6) A organized “Sarva Dharma Mela” on 13th & 14th February 2010.

(2) SHRI C C PATEL COMMUNITY SCIENCE CENTRE

INTRODUCTION

We are living in age of every rapid development in different fields of Science One hand this development needs to be sustained and strengthened. But on the other hand it is necessary to communicate to our society the impact of these scientific developments. In fact the need of the day is that every one who can read and write is able to understand the expanding world around him or her. A COMMUNITY SCIENCE CENTER is a common place where children, their teacher and general citizen can come and know about science and Technology. The center can become an oasis of Knowledge, information and public awareness. It can provide us with a common platform for discussing issues related to science and technology. The working of CSC is generally informal and usually it aims to strengthen science through various activities. Prof. K. N. Joshipura is the Honorary Director of SPU-CSC

OBJECTIVES

GENERAL

To carry out activities that motivates the students of school and colleges towards a sound learning of science.

To inculcate broad scientific view, love for nature and care for the environment in the society in general.

To provide a forum for healthy discussion on aspects of education, training and researches in Science and Technology.

To celebrate specific occasions like National Nutritional Week, Wild Life Week, National Science Day, National Technology Day etc. with appropriate programmes.

FUNCTIONAL

To promote dissemination of knowledge in science and Technology to our rural as well as urban communities, particularly to children in an entertaining manner.

To communicate to our society the impact of these scientific developments.

To give suitable programmes and activities for students, teachers and common public.

To collaborate with other organizations and institutions on specific programmes.

C. C. PATEL COMMUNITY SCIENCE CENTRE ACTIVITIES 2010-2011

No.	Types of Programme	District Level Community Science Centre	Done actual Programmes By our Community Science Centre
1	Popular Lecture series/workshop/ seminar	9	18+14=32
2	Community Programmes	6	13
3	Celebration of Science Days	6	18
4	Science Exhibition	5	8
5	ScienceQuiz/science seminar /science project competition/ Gujcost programmes	5	8
6	Vignan Safar/video van programmes, Programme for Superstition	30	25
7	Science Experiments Demo	40	25
8	Science club & its programmes	50	13 Scientific activities
9	Communicators training	--	1,4teachers,inVSSC

(3) WOMEN'S STUDIES CENTRE

ESTABLISHMENT

Acting on the initiative of the then Vice Chancellor Dr PJ Patel, I/C Directore, Dr Rema Subhash, Professor and Head, Department of Home Science, prepared the proposal for a Women's Studies Centre and presented it to the UGC in September 2004. It was sanctioned by the UGC with a grant of Rs.50 lac in February 2005. The Women's Studies Centre was thus established in March 2005 in Sardar Patel University and it became fully functional in August-September 2005.

AIMS AND OBJECTIVES

The centre aims at capacity building in the educated, employed women with regard to managerial abilities such as communication skills, administrative skills, confidence building etc. On the other hand, the centre focuses upon entrepreneurship skill building in unemployed women such as adolescents, college girls, housewives etc. from different SES.

FULFILLMENT

A numbers of programs have been conducted in keeping with the objectives and the Centre has started diversified activities to fulfill the objectives.

AIMS AND OBJECTIVES

We are a rural university established with the aim of uplifting the educational level of the local population, neighbouring towns, and interior villages and this was kept in mind in deciding on the priorities of Women's Studies. Geographical proximity to cities such as Baroda and Ahmedabad has led to a section of the local female population here getting greater exposure though the other half remains largely backward. Thus, it was only natural that the major aim of the centre is one of capacity building in women.

The centre has been able to identify two categories: the educated and employed women; and unemployed women, college goers, teens etc ranging from the literate to the illiterate. The centre aims at capacity building in educated, employed woman with regard to managerial abilities such as communication skills, administrative skills, confidence building etc and facilitating support systems such as research, day-care-centres, old age homes etc. At the same time, however, the centre will focus attention on building entrepreneurial skills in unemployed women from a slighter wider age group such as adolescents, college girls. Even so, housewives and others form different SES. This broadly includes areas such as fabric embellishment involving tailoring, popularization of khadi garments, and the exploration of opportunities for entrepreneur through home catering etc. Computer literacy has been identified as an essential skill that needs to be imparted to the other women.

3.10 DEPARTMENTAL EXTENSION ACTIVITIES

The postgraduate departments of the University also carry out extension activity besides teaching and research. The following is a department wise report of activities of year 2010-2011

DEPARTMENT OF CHEMISTRY

Name of the Teacher	Nature of the Extension work with details
Dr.N.J. Parmar	Active role in organizing Blood donation camp.
	Donated blood several times at these camps.
	Take our students for industrial tours at different places.
	Help student develop practical aspects they study in class room teaching.
	Such tours also develop a sense of national spirit.
	National Literacy Mission: Such opportunity is rarely available however, during my undergraduate studies; I was a member of NSS and used to visit villages to educate the people on many aspects of life. One of which was to teach the alphabets to the villagers.

DEPARTMENT OF COMPUTE SCIENCE

Name of the Teacher	Nature of the Extension work with details
Dr. D B Choksi	Organized a State Level Programming Contest at G.H.Patel Postgraduate Department of Computer Science and Technology, Sardar Patel University, February 5, 2011.

	Organized a State Level IT Quiz Competition at G.H.Patel Postgraduate Department of Computer Science and Technology, Sardar Patel University, February 5, 2011.
	Arranged campus interviews for the MCA-VI semester students by inviting Proseon Infolab Pvt. Ltd., Vadodara, E-Clinical Pvt. Ltd. (Ahmedabad), Vrindi Pvt. Ltd.(Anand).
	Organized a Workshop on Molecular Modeling and Drug Designing on August, 2010. Trainer : Mr. Ravi kumar, BIOMINDS Lifesciences, Hyderabad.
Dr. P V Virparia	Provided necessary technical and software development guidelines to MCA-5 and MCA-6 semester students during their software project development.
Dr. P.S. Sajja	Organized a State Level IT Quiz Competition at G.H.Patel Postgraduate Department of Computer Science and Technology, Sardar Patel University, February 5, 2011.
	Worked as an organizing committee member for Workshop on Molecular Modeling and Drug Designing on August, 2010. Trainer : Mr. Ravi kumar, BIOMINDS Lifesciences, Hyderabad.
	Provided necessary technical and software development guidelines to PGDCA, MCA and MSC students. Guided MCA senior students' projects.
	Improved web-page (please refer pritisajja.info) and provided research guidance in computer science along with the biographical information.
	Served as an expert in Ph.D. evaluation and viva-voce.
	Activities such as syllabus framing, paper setting, moderation of papers, and project viva for a few Universities and a national level education society.
	Served as an expert in faculty recruitment for many institutions.
	Acted as judge/resource persons for many programmes at local and national level.
	Active participation in many international / national academic events in different capacities.
	Made syllabus detailing and material available online.
	Involved in syllabus preparation for BCA (under CBCS).
Dr. D M Shah	Guidance given to MCA 506, MCA 601 and MBI – 401 students for project
	Working as a research guide and guiding six research students.
	Worked as an active member in organizing a State Level IT Quiz Competition at G.H.Patel Postgraduate Department of Computer Science and Technology, Sardar Patel University, February 5, 2011.
	Worked as an organizing committee member for Workshop on Molecular Modeling and Drug Designing on August, 2010. Trainer : Mr. Ravi kumar, BIOMINDS Lifesciences, Hyderabad.
	Provided necessary technical and software development guidelines to PGDCA, MCA and MSC students..
	Actively involved in activities such as paper setting, moderation of papers, and project viva at university level and a national level education society.
	Served as an expert in faculty recruitment for many institutions.
	Acted as judge/resource persons for many programmes at local.
	Involved in syllabus framing committee for various courses
	Worked as an organizing committee member for “International Conference on Intelligent Systems and Data Processing - ICISD 2011”, organized by GCET college, Vallabh Vidyanagar on 24-25 January 2011.
Mr. B B Patel	Provided necessary technical and software development guidelines to PGDCA, MCA and MSC students. Guided MCA senior students projects.

	Activities such as syllabus framing, paper setting, moderation of papers, and project viva for a few Universities and a national level education society.
	Involved in syllabus preparation for BCA (under CBCS).

DEPARTMENT OF ELECTRONICS

Name of the Teacher	Nature of the Extension work with details
Dr. (Ms.) B.H.Patel	A short account of your contribution to Community work such as values of National integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood of drought relief, small family norms ect. Associated with Community Radio Station as a member of technical committee, Sardar Patel University Working as Convener of Community Radio Station
Dr.(Ms.) Vibha S.Vaishnav	Participated in a National Seminar on ‘Opening to Sri Aurobindo’s Force’ organized by the Women’s Council, Sri Aurobindo Society, Pondicherry during 21-23 November, 2010

DEPARTMENT OF HOME SCIENCE

Name of the Teacher	Nature of the Extension work with details
Ms.Neeta Dave	Demonstration of low cost recipe in Aganwadi Training Centre at V.V.Nagar
Dr. M.S. Acharya	Radio talks from community radio station. S.P.University on Consumer Education; Energy conservation at home, renewable Energy Sources and Environmental conservation.

DEPARTMENT OF PHYSICS

Name of the Teacher	Nature of the Extension work with details
Prof. K. N. Joshipura	A large number of activities and Programmes, about 135 during 2010 – 11, mainly under the Community Science Centre SPU
	National Science Day Programmes under the CSC Designed and distributed various theme posters,
	Programmes also in our Dept and else-where in other colleges etc
	Contributed articles, book reviews of scientific nature in Gujarati; reports of IAPT Scientific meetings.
	Also awareness activities by responding to queries from Press reporters or TV-media persons in the events of Japan Nuclear disaster, total lunar eclipse etc
	Conducted National Essay Competition for Physics teachers under IAPT Programmes, and Scientific Imagination Competition for Students at State level IAPT activities
Prof. U. H. Patel	Women’s Hostel Rector , Being rector
	Convener of advisory committee of The convener of A.C I am actively involved in the University Women’s hostel day to day work of, hostel
	single crystal diffractometer (kappa apex – II) has been successfully installed and productively working in our department.
	X-ray powder diffractometer (Ultima - IV)) has been also successfully installed and productively working in our department in our department.
Prof. V. M. Pathak	Guided M.Sc. students for their project work.
	Conducted M.Phil. viva-voce examination of two students.
	Conducted M.Sc. practicals examination of Veer Narmad South Gujarat University.
	Worked as external examiner for M.Sc. Theory examinations of Gujarat

	University-Ahmedabad, Veer Narmad South Gujarat University-Surat and Ther M.S. University-Vadodara.
	Member of the committee constituted for the Hari Om Ashram nationals in Physics and electronics.
	Life Member of (1) Semiconductor society, India (2) Indian Physics Association (3) Indian Association of Physics Teacher (4) Materials Research Society of India
Prof. M. P. Despande	Training given to Mr. Paresh Vasantlal Dalal, Faculty member in Shri V.S. N. arts, commerce, and science college, RAVER, Dist: Jalgaon, Maharastra in the field of crystal growth by gel method under UGC scheme granted to him from 20 th July(four weeks) 2010.
	Delivered an invited talk on “ Nanoscience and Nanotechnology : a Perspective” in UGC sponsored State level Seminar of Physics held at Shri C.N.P.F. arts & D.N. science college, Dabhoi on “ Current Research areas in Physics & its Application” on 5 th January 2011.
	Attended General Body Meeting of Gujarat Science Academy held on January 9 th ,2011 at Ahmedabad.
	Worked as Judge for the Poster competition in (a) “UGC sponsored National Conference on Recent Trend in Theoretical and Experimental Physics” on 18 th -19 th February 2011 by V.P. & R.P.T.P. Science College, Vallabh Vidyanagar and (b)“Innovations in Collegiate Science Education and Research” held at V.P. & R.P.T.P. Science College, V. V. Nagar on 8 th January, 2011.
	Worked as Convener in the State level Seminar on Condensed matter Physics with Nano-Science Flavors, organized by Department of Physics, Sardar Patel University on February 4 th , 2011.
Dr. S. H. Chaki	Delivered a lecture “Nuclear Energy and Atom Bomb” under the aegis of C. C. Patel Community Science Center, Sardar Patel University at the H M Patel English School, Dharmaj on 30 th August 2010.

DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Nature of the Extension work with details
Dr. R. M. Rathod	Attended Panel Discussion on “Media Society and Business- Corporate point of view” jointly organized by Christian College of Management Studies, Anand and Indian Commerce Association Gujarat Chapter on January 7 th , 2011.
	Attended Budget – 2011, Panel Discussion organized by V.Z Patel Commerce College, Anand on 15 th March 2011
	Attended Corporation Bank Chair Lecture on 21 st February 2011 on Emerging Scenario in Banking Sector: Prospects and Challenges.
	Attended One Day Workshop on E- Content Development, Organized by Sardar Patel University, 21 st August 2010.
	Attended two days workshop on Implementation of Choice Based Credit Scheme, 22-23 April 2010 organized by Knowledge Consortium of Gujarat, Department of Education, Gandhinagar, Sardar Patel University, Vallabh Vidyanagar.
	Industrial Visit of Marketing Group Students (Sem-I), Tripcon Engineering and Western Engineering, GIDC- Vithal Ugyognagar, 28th August 2010.
Dr. Y. M. Daiwadi	Blood donation camp, extending service to old age people on Valentine day, active participation in Project “Vote India Vote’ and Welcoming of students of 10 th and 12 th Standard at their board examination. Help to Old Age home etc under the Junior Chamber of International(JCI) VVN Branch.

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of the Teacher	Nature of the Extension work with details
Prof. H.J. Jani:	Motivated various colleges of the University to go for NAAC Accreditations as Coordinator of IQAC.

DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Nature of the Extension work with details
Mr. P M Parmar	Working with CSJ & Dalit Awaj –(NGO) for Dalit Communities in Gujarat.
Dr. I M Macwan	Associated with Atmiya Mahila Mandal

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of the Teacher	Nature of the Extension work with details
Prof. U. A. Thaker	Children Library at home for the Society

DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Nature of the Extension work with details
Dr. Suresh Makavana	Extension Work done as a Life enrichment course 2010-11 of the master degree student.
Dr Samir J Patel	Done counseling of 10 th standard students of various schools of Anand Dist. Organize by DEO
Dr. Sangita N pathak	Done counseling of 10 th standard students of various schools of Anand Dist. Organize by DEO

DEPARTMENT OF POLITICAL SCIENCE

Name of the Teacher	Nature of the Extension work with details
Dr. Baldev Agja	Member of the Executive S.P. Uni. Co-op consumers store Ltd. V.V. Nagar
	Rector, Mens Hostel I & II, S.P. Uni., V.V. Nagar
	Founder Secretary Dr. Ambedkar pragati Mandal Akhaj
	Life Member Mahesana Dist. Nagrik Mitra Mandal, Anand
	Active Member Kadam Manav Sangh, Anand
	Active Member council for social justices, Ahmedabad
	Life Member of Sant Shri Rohidas Seva Samaj Gujarat, Gandhinagar. (Reg. No.1746)
	Executive member of Gandhi Shanti Chhatra Sangha, Ahinsha Sodh Sanstha, Gujarat Vidyapith, Ahmedabad

DEPARTMENT OF HINDI

Name of the Teacher	Nature of the Extension work with details
Dr. N.K.Chauhan	Community Awareness By Street Plays (Drama)
	Community Awareness By Teatere Activities.

DEPARTMENT OF SANSKRIT

Name of the Teacher	Nature of the Extension work with details
Dr N P Patel	Attended Workshop of Life Enrichment Course:2010

DEPARTMENT OF GUJARATI

Name of the Teacher	Nature of the Extension work with details
Prof. Param Pathak	Worked as Jury in Elocution Competition Org. by Shree Shankaralok Uvarsad held on 11-10-2010
	Worked as Jury in Competition Best Reader Org. by S. P. Uni. Vanche Gujarat held on 28-1-2011
	Worked as Jury in Competition Sheri Vartalap Org. by S. P. Uni. Vanche Gujarat held on 14-2-2010

CHAPTER – 4

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 COMPUTERS AS INFRASTRUCTURE AND LEARNING RESOURCES

University tend to treat computer literacy with a certain degree of sensitivity and are proactive in adapting to computers as a learning resource as well as a very powerful administrative tool. Internet connectivity has been provided to all the Departments with adequate connections. The uses of computers as a learning resource in the University are manifold:

- 1 **COMPUTERS AND COMPUTING:** Use of computers as office automation tool, for data management, data mining, and research the basic use of computers is being taught in all the Departments and administration also
- 2 **INTERNET CONNECTIVITY:** The University has provided Internet connectivity to all Postgraduate Departments with sufficient nodes. Postgraduate students, MPhil and PhD scholars are encouraged to use this facility. Effective use of the Internet for literature search and E-transfer of data, greatly helping students and researchers alike in preparations for seminars, designing research and project proposals, updating and refining their dissertations and theses, and electronically communicating and managing their search papers. Over and above all this, it has become an extraordinary powerful means of establishing and maintaining academic contact and information exchange with other workers and peers, greatly enhancing research effort. In many cases, this had led to joint publications of research papers. The faculty and students are actively using the e-resources provided under the UGC-INFONET programmes.
- 3 **TRAINING FOR FREEWARE:** The University has begun to train students in the effective use of relevant freeware. The use of the technical software LaTeX is taught to MPhil/PhD scholars in the University Departments of Mathematics, Statistics, and Physics with a view to equipping them with the necessary skills to be able to prepare technical materials.
- 4 **TRAINING IN SPECIALIZED SOFTWARE:** Relevant computer courses with practical training on computers are on offer in many Departments. Besides computer programming course of varying degrees of sophistication, also include training students in effective use of readily available specific software like FORTRAN in Physics, MATLAB and MATHEMATICA in Mathematics, SPSS in Statistics, SOUL in library science etc.
- 5 Teaching of courses like computers and statistical methods in the Department of Biosciences, Department of Home Science and Departments of Social Sciences helps learners acquire important analytical ability for experimental studies as well as enables them to use many modern scientific types of equipment with which computers remain attached effectively in modern times.
- 6 The Department of Computer Science and Technology trains students in the design and development of software.
- 7 **COMPUTERS AS TEACHING AID:** We have begun to explore the full potential of computers as an effective teaching aid. We encourage the use of CDs in classroom teaching. A section of the members of faculty in some Departments have succeeded in designing software to meet their needs: to prepare their PowerPoint presentation slides; to facilitate classroom teaching; and to keep assignments as well as reading materials on servers so that soft copies can be accessed through work stations. Most Departments have software tool required for developing computer-aided teaching-learning materials. The Department of Computer Science and Technology designs computer-aided instructions packages as aids for teaching and learning.

8 **E-GROUPS:** Dr. D. J. Karia of Mathematics Department is organizing and coordinating the following academic e-groups:

- (a) ugcnetmath@yahoogroups.com
- (b) topologicalalgebras@yahoogroups.com

of course, we have begun planning to establish LAN connecting all Departments, all administrative units and the library for fast and efficient data transmission. We are also exploring the possibility of online teaching and examination.

Numbers of Computers at University Departments and Administrative Sections

No.	Department	No. Of Computers
1.	Computer Science	216
2.	Computer Centre	50
3.	MBA	75
4.	Electronics	75
5.	Physics	80
6.	Mathematics	70
7.	University Administrative Building	65
8.	Bio-Sciences	75
9.	Statistics	75
10.	Bhaikaka Library	25
11.	Humanities Building (Department & Office)	35
12.	Materials Science	25
13.	Chemistry	30
14.	Home Science	12
15.	University Press	12
16.	Business Studies	12
17.	USIC	06
18.	Economics	15
19.	Department of Education	07
20.	University Museum	04
21.	MSW	11
22.	Hindi	05
23.	M. B. Patel College of Education	12
25.	Library & Information Science	10
25.	Health Centre	01
26.	Guest House	01
27.	Communication & Media Studies	08
	Total	1012

In all Postgraduate Departments, there are separate computer laboratories.

4.2 LIBRARY AS LEARNING RESOURCES

A unique feature of the library system in Sardar Patel University is that there is a Central Library (Bhaikaka Library) with satellite libraries in the form of Departmental libraries in each department.

(A) BHAIKAKA LIBRARY

Bhaikaka Library, named after the illustrious founder of the educational township as well as the University, came in to existence in 1957, with the purchase of 3000 books. A grant of Rs.10 lacs (2/3, 1/3 sharing basis) was provided by the UGC for the construction of the library building and purchase of furniture and equipment. The present Library building was inaugurated by the late Prime Minister, Shri Lal Bahadur Shastri on 31st October 1964.

Bhaikaka Library has a four storeyed building, with two large reading rooms. The capacity of reading room is 350 students each. The stack area is divided in four part in which the capacity

is up to 3,00,000 documents. The students can access the documents from consisting of books, periodicals, theses, dissertation, reference books, donated books and non-book material.

The membership of the Bhaikaka Library is made available to the students teaching staff non-teaching staff as well as affiliated college staff and students.

(I) LIBRARY AUTOMATION

Bhaikaka Library has already initiated computer automation. At present 2,11,525 of the books in the acquisition have been entered in SOUL software, which is developed and funded by the U.G.C. All the books are given Bar Code on the basis of their Accession No. Issue counter is issuing the documents by scanning only the Bar Code. Now there is no manual process in issue return.

Recently all the Information of Bhaikaka Library is uploaded on the Website of Sardar Patel University.

(II) SERVICES PROVIDED

- Reading Room Facilities
- Internet Facilities
- Women's Reading Room Facilities
- Inter Library Loan Services
- Photocopying facilities
- Reference Services
- Online Public Access Catalogue (OPAC).
- U.G.C – Infonet
- Delnet Access
- E- journals access
- E-information through user group
- News papers clippings
- Scanning facilities
- Old Question Papers of University
- CD Writing
- Current Awareness Service
- Selective Dissemination Information (SDI)
- Thesis/Dissertation

Total Number of Books, 2,19,000 (2010-2011)

Total Number of Journals Subscribed (2010-2011)

Type	Recurring grant	Special Grant	Total
Indian	181	38	219
International	62	55	117
Total	243	93	336

e-journal – 5,000+ accessible at <http://202.141.130.70/e-resources.php>

Total Information available at <http://www.spuvvn.edu/libraryinfo.htm>

Archives:	-----	Theses	1798
Non-book collection:	743	Special collection	703
American collection	158+9	C.D.Gandhian collection	300
Charotar Sarva Sangrah			

Non-book collection accessible at <http://www.spuvvn.edu/cdbook.pdf>

(III) UNIVERSITY PUBLICATIONS

Bhaikaka Library is looking after all the activities related to Publication since the inception of University.

The university has been publishing the following research Journals/Bulletins on regular basis.

1. Sheel Shrutam (Monthly news bulletin of the University) (Bhaikaka Library)
2. Vocational Guide (University Employment Bureau)
3. Journal of education and psychology (Department of Education, Sardar Patel University, Vallabh Vidyanagar)
4. Artha Vikas (Department of Economics, Sardar Patel University, Vallabh Vidyanagar)
5. PRAJNA-University Journal of Basic Science
6. PRAJNA-University Journal of Social Science and Business Studies
7. Journal of Engineering and Technology (Birla Vishwakarma Mahavidyalaya)
8. Mimansa-Journal of English Literature (Department of English, Sardar Patel University)
9. Synergy-Journal of Business Studies Administration (Department of Business Administration, Sardar Patel University)

The journal PRGYA University basic Sciences is in the process of getting reorganized and revamped with the aim of converting in to a National journal of accepted international standard.

BOOKS

Total 183 books have been published so far by the Publication Section, Bhaikaka Library, Sardar Patel University, and Vallabh Vidyanagar.

GNAN GANGOTRI GUJARATI PUBLICATION (A BOOK OF KNOWLEDGE)

The Gnan Gangotri series, thanks to the generous grant received from the Central and State Government and donations from Hari Ohm Ashram and others has come to be just such in Encyclopaedia but with a different knowledge and information embodied in the essays of various subject, arranged collected in different volumes. The series has been widely acclaimed as unique. The University naturally feels gratified for having answered the need for such books. So far thirty (30) volumes in Gujarati and five in Hindi have been published. The lists of the publications are availed on the Website of Sardar Patel University.

One can access the list at <http://www.spuvvn.edu/pub-pdf.pdf>.

Details of the Books, which will be sent to University Press for its Publication

The following books are published under Hari Om Ashram Prerit Shri Anand Shankar Bapubhai Dhruva Smarak Trust.

1	Meera	Niranjana Bhagat	Rs.80.00
2	Dayanand Saraswati	Dr. Jigish Pandya	Rs.70.00

(IV) BOOK BANK UNITS

The facilities for books are available in the libraries of colleges affiliated to Sardar Patel University.

(V) REPROGRAPHIC SERVICES

Reprographic services are available to the research students, teachers and other users form time to time.

- (VI) Bhaikaka Library has got the membership with DELNET. Students and teachers are getting the facilities of DEL NET. Syndicate has approved the MOU with DEL NET in the meeting held on 2-3-2009. And renewed for the year 2010.
- (VII) Bhaikaka Library is the member of INFLIBNET. INFLIBNET has produce SOUL Software for books issuing and return, Stock verification, periodical publication and acquisition process. This library has installed the SOUL software. INFLIBNET has produced new version of the SOUL software. This library has installed the new version of SOUL 2.0.
- (VIII) This library has redesigned the Web page with updated hyperlinks.
- (IX) Updated statistical information of Bhaikaka Library is put on University Website. It is available on <http://spuvvn.edu/libraryinfo.html>.
- (X) Additional facility of reprography is incorporated by purchasing new photocopier machine.

(B) DEPARTMENTAL LIBRARIES

The departmental library in almost all departments caters to the specific needs of respective department. These libraries contain recent issues of research journals, textbooks in respective subjects, as well as the books obtained Gratis or purchased from research project/s over the years. They also contain non-traditional reading materials, photocopied and loosely bound editions. These libraries have Internet connectivity and library staff in some cases. There are reading rooms attached to these libraries, and books are issued to students of the Department regularly on demand.

We need to address some deficiencies pertaining to our library system. Though the reading halls of the Library remain open from 8:00 am to 10:00 pm, the issuing and other library services are made available from 10:30 am to 5:40 pm, and we are aware that we must extend the services by at least 4 hours. The library also needs to develop an archives section as well as networking facilities linking all departmental libraries with the central library. There ought to be cubicles for individualized, concentrated study in the reading halls. Though many departmental libraries have photocopying facilities, a need for this in the central library is deeply felt.

DEPARTMENTAL LIBRARIES

No.	Department	Carpet Area (Square Feet)	Seating Capacity
1.	Department of Biosciences	925	25
2.	Department of Chemistry	3750	40
3.	Department of Computer Science	900	25
4.	Department of Electronics	1200	35
5.	Department of Home Science	400	12
6.	Department of Materials Science	400	12
7.	Department of Mathematics	2166	45
8.	Department of Physics	1000	27

9.	Department of Statistics	525	10
10.	Department of Business Administration (M.B.A. Programme)	5230	50
11.	Department of Business Studies	200	5
12.	Department of Economics	600	15
13.	Department of English	1800	45
14.	Department of Gujarati	800	20
15.	Department of Hindi	300	8
16.	Department of History	100	2
17.	Department of Political Science	450	12
18.	Department of Psychology	2000	45
19.	Department of Education	1500	35
20.	M. B. Patel College of Education		
Total Carpet Area of All Departmental Libraries		23880	

NBHM-DAE REGIONAL LIBRARY IN HIGHER MATHEMATICS IN THE DEPARTMENT OF MATHEMATICS

National Board for Higher Mathematics (NBHM) is an autonomous Board under the Department of Atomic Energy (DAE), Government of India. The NBHM has an ambitious plan of developing a network of rich high-level regional library system on higher mathematics in the country. The regional library for the western region is getting developed in the Department of Mathematics as a national facility.

- Housed in the department with separate cataloguing.
- Funded by the National Board for Higher Mathematics, Department of Atomic Energy, Govt. of India.
- Annual Grant Rs. 28,00,000/- (Total grant so far in tune with Rs. 2.1 Crores)
- About 5000 books of Teaching and Research Level in Mathematics.
- 46 Journals subscribed; Back volume of 50 Journals
- Free membership to any one interested in Mathematics.
- Access to the library to visitors (up to extended hours on request).
- High Speed Photocopying Machine with Computer Connectivity.
- Internet Connection with INFLIBNET access to 2000 Journals.
- Supply of photocopies on request.
- Circulation of Library News Letter for to update users outside SPU
- MathSciNet
- SOUL Server

4.3 CENTRAL FACILITIES

(A) UNIVERSITY COMPUTER CENTRE

The Computer Centre of Sardar Patel University is the central hub for providing software and hardware solutions to the entire campus. All the major tasks of various sections like Establishment, Examination, Academic, USIC and Accounts are computerized with the help of the Computer Centre.

Payroll processing, Examination Results Processing (Pre, On and Post), Budget preparation, major report preparation, Centralized Admission process, etc. are some of the key activities at the Computer Centre.

The University has received 1 GBPS Connectivity under NME-ICT Programme through BSNL. The Computer Centre has updated the equipment and now the University has sufficient bandwidth for its users. The e- journal can also be accessed through INFONET under their scheme. The Computer Centre is now directly connected with various Departments and sections of the University. The expenditure for Net-workers was incurred from the 11th Plan grant received by the computer Centre. The new software to process the result under Choice Based Credit System is developed under implementation & testing by the Computer Centre.

Apart from the regular MIS activities, the computer centre provides assistance in purchasing of computer hardware and software to the entire university.

The computer centre conducts practical for the postgraduate students of Department of Home Sciences. The same facility is extended to B. Ed. students also.

The computer centre also conducts training and orientation programmes for Teaching faculty and Non-teaching staff.

(B) USIC

University Science Instrumentation Centre (USIC) extends its Maintenance, Repairs and Fabrication support Services to all the under-graduate colleges and postgraduate departments of Sardar Patel University in the areas of Electronics, Electrical, Mechanical and Glass Blowing. We wide this activity earned consultancy of @5,51,889/- for year 2010-11.

Apart from above, other Utility and Essential services as mentioned and listed below are also offered and provided by USIC on regular day to day basis.

- Audio-Visual Services, Maintenance and Operational for the entire University.
- Operational and Fault Finding / Routine Maintenance for Diesel Generator Sets of the University and Press.
- Light and Heavy Fabrication work at its well-equipped Mechanical workshop.
- USIC Technicians including maintain entire Telephonic Network of the University maintenance of individual EPABX's housed in P G Departments.
- Air Conditioning and Refrigeration Services of all Window AC's, Water Coolers, Deep Freezers etc is provided by USIC technicians.
- Design and Development of various Instruments as per requirements of Research Scholars.
- Fabrication of Glass Ampoules and other necessary Glassware for Research Scholars.

(C) UNIVERSITY MUSEUM

- In January 2011; with the appointment of new Curator-Head Mr. A. A. Mohite, the University Museum has started improving from its basics. Three exhibition halls have been identified in terms of classified collection they housed and also named accordingly viz. (1) Memorabilia of Sardar Patel and Eminent Works of Art Gallery (2) Archaeo-Geo-Zoological Specimen Gallery (3) Asian Art Gallery. The age old handwritten object-labels in the showcases have been replaced with new printed-laminated labels. Also, some descriptive labels have been introduced in the galleries for the people to get an instant additional knowledge.
- Digital documentation of Museum Objects is started. Such detailed object checking and documentation is an ongoing process which consumes lot of time. The process of digitization of Museum Accession Registers is also in progress.

- Lot of visual changes has been made in the galleries in order to improve traditional display. Visitors' movement path has been redesigned. Many objects in the showcases are shuffled and are replaced with better preserved ones. Showcase display have been improved by thematically grouping and classifying objects.
- In Memorabilia of Sardar Patel and Eminent Works of Art Gallery; valuable photographic prints of Sardar Patel are digitized and put on LCD for rotational display. The old photographic prints are being restored.
- In Archaeo-Geo-Zoological Specimen Gallery; a new showcase display is designed to emphasize the Archaeological collection of the Museum. It focuses stone tools and implements of early man, it also accommodated Harappan pottery and shell objects.
- A new display of Indian Numismatics was introduced in the Museum to focus beginning and development of Indian Coinage. Photographic display caters the basic need to provide information while original coins would be on display soon after completion of digital documentation.
- New group of objects form the Museum store has been added in the display of Asian Art Gallery
 - Indian Arms and Armours
 - Beauty Culture Objects
 - Wood Carvings
 - Religious Culture Objects
 - Tambool (tobacco) Tradition Objects
- University Museum houses valuable sketches and paintings of Ravishankar Raval. Restoration and re-framing work was successfully completed for 10 such paintings. Now they forms an important part of Museum display.
- May 20, 2011; Museum Curator and Asst. Curator have carried out field work at Zarol village, Nadiad where 13th century Solanki (Medieval) period Shaivite stone sculptures are found while digging. After detailed photo documentation, Museum has approached to the Collector of Nadiad to get the possession of those sculptures for Museum. (Photograph 1 to 5)
- “Role of Museum in an Informal Education” a lecture delivered for the participant college teachers from different Universities under refresher course conducted by UGC Academic Staff Collage, Sardar Patel University, Vallabh Vidyanagar on May 16, 2011; followed by a guided tour to the Museum galleries.
- In June 2011; Museum Awareness Program 2011-2012 has been launched to generate sense of awareness for our cultural heritage among people. As a part of it University Museum has wrote and approached to various (English/Gujarati medium) schools in and around Vallabh Vidyanagar. We asked Schools to contact us and book their visit to the Museum.
- “University Museum, its Mission and Thrust Areas” a lecture delivered for the participant college teachers from different Universities under refresher course conducted by UGC Academic Staff Collage, Sardar Patel University, Vallabh Vidyanagar on June 13, 2011; followed by a guided tour to the Museum galleries.
- (Photograph 6 and 7)
- “An introduction to University Museum” a slide show arranged for the members of UGC NAAC peer team visited on July 4, 2011 as a part of University reaccrediting process.
- July to December 2011; Under “Museum Awareness Program 2011-2012”; Museum has started receiving bookings for school visits. In such Museum visits, the students were provided with an orientation lecture by Curator of Museum and followed by a guided tour to the Museum galleries.

At the end of each conducted visit, Museum has made an arrangement of documentary show (available in English/Hindi) on LCD (received under the University Central Development Fund) We, hereby proud to quote that 3,545 school students along with 177 teachers have been visited University Museum. (Photograph 8 to 11)

- August 30, 2011; as a part of “Museum Awareness Program 2011-2012” and in collaboration with History department of N. S. Patel Arts Collage, Anand; Museum has organized one day “Museum Orientation Workshop” for the History postgraduate students. Apart from lecture, a power point presentation and object demonstration program was conducted for them. (Photograph 12 and 13)
- Natural preservative Acorus Calamus (called Vaj powder in Gujarati) was used as an insect repellent on trial basis for manuscripts, in display showcases and in store of the Museum. After a month long observation, it was proved successful to prevent insects like silverfish, moth, flies, white ants etc. seen in humid condition.
- September 17, 2011; Museum has organized conducted visit for the students of Business Studies department, S. P. University. An orientation lecture by Museum Curator was followed by a guided tour to the Museum galleries.
- October 19, 2011; an elaborate lecture was delivered to the school students by Museum Curator regarding “An art of Taxidermy” as well as a technique of wet preservation of Zoological Specimen followed by the demonstration.

(D) UNIVERSITY HEALTH CENTRE

The University has a very good Health Centre, which was established in 1962. It has been recently renovated and updated. The main objective of the centre is to provide primary prevention against diseases, and to take care of routine health problems.

THE HEALTH CENTRE HAS AN EFFICIENT AND WELL-TRAINED STAFF AS UNDER:

Medical officer	One
Staff Nurse	One
Pharmacist cum Compounder	One
Assistant Compounder	One
Dresser cum Peon	One
Sweeper	One

Free medical check-up is carried out for the staff members and the students of the University and affiliated colleges. Free medication is also provided for general and common ailments.

University Health Centre carries out detailed evaluation of all aspects, for Hypertension and Diabetes Mellitus. It maintains separate files for all the enrolled patients. Regular check up, necessary investigation, counselling, health education, necessary advice and treatment are provided free of cost to all Hypertensive and other patients. Our medical officer attends and also makes presentations at National and International scientific conferences regularly to update the knowledge in Hypertension and Diabetes.

The Health Centre provides necessary guidelines and treatment for hypertension and diabetes mellitus patients. Further it also organizes various check-up programmes to rule out Diabetes Neuropathy, Diabetes Nephropathy, and Diabetes Retinopathy for all diabetes and hypertensive patients. The Centre screens all diabetes patients with the help of ophthalmologist on first Sunday of every month.

The Health Centre has the facility of Electrocardiogram (E.C.G.) and I.V. Fluid Supplement to patients suffering from Cerebral Malaria, Typhoid, and Dehydration due to Vomiting & Diarrhea etc.,

which obviates the necessity of referring the patients to other Hospitals for indoor expensive treatment.

Following consultants render their services regularly to the University Health Centre:

Dr. Ravindra Parikh	:	Physician
Dr. Nayana Patel	:	Gynaecologist
Dr. Anita Singh	:	Gynaecologist
Dr. Shyam Kumar	:	Ophthalmologist

The following describes statistically the services rendered by the University Health Center 2010-2011

Month	New	Old	Total	Students	Staff
April – 10	308	403	711	470	241
May – 10	144	293	437	285	152
June – 10	290	298	588	365	223
July – 10	895	106	1001	659	342
Aug – 10	816	431	1247	839	408
Sep – 10	812	433	1245	828	417
Oct – 10	540	256	796	548	248
Nov – 10	235	205	440	222	218
Dec – 10	487	368	855	586	269
Jan – 11	406	358	764	496	268
Feb – 11	502	414	916	614	302
March – 11	405	361	766	509	257
Total	5840	3926	9766	6421	3345

- New Patient During April-10 To March-11= **5840**
- Old Patient During April-10 To March-11 = **3926**
- Total Patient During April-10 To March-11= **9766**
- Students = **6421**
- Staff = **6421**
- Total Regular Patient having Hypertension/ Diabetes / Thyroid / Asthma diseases = **157**
- Total Budget Provision (2010-11) = **13,00,000/-**
- Total Expenditure (2010-11) = **11,22,471/-**
- Total Income (2010-11) = **21,536/-**

(E) GUEST HOUSE ACCOMMODATION

DETAILS OF GUEST HOUSE ACCOMMODATION AVAILABLE IN 2010-2011

No.	Facility of Room	Rooms	Total Accommodation Capacity
1.	New VIP (A.C. Room)	7	14
2.	Old VIP (A.C. Room)	3	6
3.	Semi VIP (A. C. Room)	6	12
4.	Faculty Guest House (Non A. C. Room)	18	36
5.	Dormitory (Non A. C. Common Room)	2	12

(F) COMMUNITY RADIO BROADCASTING STATION (90.4 MHZ FM)

In 2003, the Union Government of India through their Ministry of Information & Broadcasting, has decided to grant Community Broadcasting Radio Station licenses to well established Universities and Institutions. In response to this noble concept of Government of India, Sardar Patel University has applied to Ministry of Information & Broadcasting to have own

broadcasting license. The University has signed a Memorandum of Understanding (MoU) with the Prasar Bharati, All India Radio, and New Delhi in March 2003 to establish a low Power FM Radio Station at the Campus. The University received the necessary clearance from State Govt. of Gujarat, Ministry of HRD through their University Grants Commission, Ministry of Communication & IT, Ministry of Defense, Home Ministry for the proposed community radio station. The University received a letter of intent from Ministry of Information & Broadcasting in December, 2003 and started establishing a 50 W Transmission Power Community Radio Station at its campus. The antenna of the radio station is fixed up on a guided mast tower at a height of 30 meter from the ground level. The Community Radio Station of Sardar Patel University has been allocated an operating frequency of 90.4 MHz in the FM band through Wireless & Planning Coordination wing of Ministry of Communication & IT.

The Community Radio Broadcasting Station is established at the Department of Electronics building with the technical support of the staff of Department of Electronics. The Station is having two Nos. of 12' X 20' size acoustically treated sound proof studio rooms, one "Program Recording Studio" and another is utilized as a "On-Air" Cum "Program Production" Studio with all the sophisticated recording plus broadcasting facilities. The University is having 2 Nos. of 50 W FM Transmitter, a Distribution Amplifier, 30 Meter Antenna tower for On-Air Broadcasting. The University is having four channel Stereo Multifunction Console, 18 Channel Digital Audio Work Station for Hard Disk Recording, Phone-In Program Console, Audio CD Recorders, Cassette Recorder, Digital Voice Processor, Professional Broadcast quality Microphones and Headphones and Monitoring Active Speakers at its studio. The Coverage area of Community Radio Station is 8 Km in all the directions from the station.

The Sardar Patel University has formed two coordination committees for the smooth functioning of the Radio Station. The technical committee group will look after all the technical aspects & recording plus broadcasting in the Radio Station. While the program production, committee group is responsible for the daily program schedule. Community Radio taking on diverse forms, depending on its surroundings, remains a type of radio made to serve people; radio that encourage expression and participation and that values local culture. The Community Radio Station of Sardar Patel University has now become one part of overall strategy for the development of students and of course teachers' skills. The University is giving an opportunity to the students to become an active member of the radio station and develop a skill of communication. The daily program schedule of radio station covers Lectures, Debates, Panel Discussion, Traditional Songs, University News, Cultural Programs, Health related programs, Institutional Profile, Admission related information, University Examination Results, Job related information, live broadcasting of discussion etc. The students and citizens of the surrounding region participate in live " On-Air" programs of the Radio Station through their telephone service.

The Community Radio Station is arranging technical training for a group of students every year. This year five students of **B & B Institute of Technology, Vallabh Vidyanagar** were recruited for a technical training for the period of **14 week** at Radio Station. The radio station is also helping many institutes in Gujarat as well as in the nearby states of Gujarat for establishment of new community radio station.

(G) AGRO-ECONOMIC RESEARCH CENTRE

The Ministry of Agriculture, Government of India established Agro Economic Research Centre at Vallabh Vidyanagar for covering the States of Gujarat and Rajasthan. It is working as an Associate Institute of the Sardar Patel University in close collaboration with the Postgraduate Department of Economics. Therefore, both Department and Centre has been put under the common umbrella of the H. M. Patel Institute of Rural Development. The Centre takes up various Research Projects on the recommendation of the Government of India and State Governments of Gujarat and Rajasthan. This year Planning Commission, GOI asked us to take up review work of C-DAPs prepared for district of Gujarat and Rajasthan.

A) RESEARCH PROJECT WORK COMPLETED

- 1) Evolution of Comprehensive District Agriculture Plans (C-DAPs) of 3 Districts of Gujarat
- 2) Possibilities and constraints for increasing the production of Pulses in India and Impact of National Food Security Mission Pulses in Rajasthan.

B) RESEARCH PROJECT WORK IN PROGRESS AS ON 31ST MARCH 2011

1. Impact of NREGA on wage rates, cost of production, food security and rural urban migration in Gujarat.
2. Impact of NREGA on Wage rates, cost of production, food security, and rural urban migration in Rajasthan.
3. Economics of fodder cultivation and its processing and marketing in Gujarat.
4. Impact study of National Horticulture Mission (NHM) Scheme in Rajasthan.
5. Evaluation of Comprehensive District Agriculture Plans (C-DAPs) of 3 district of Rajasthan.

(i) Dr. R. H Patel participated in the workshop on “Review of Coordinated Projects assigned to AERCs held at AERC, Shimla on 19th June 2010 by Ministry of Agriculture.

(D) COMPREHENSIVE SCHEME TO STUDY THE COST OF CULTIVATION OF PRINCIPAL CROPS IN GUJARAT

Since 1970, the Comprehensive Scheme to study cost of cultivation of principal crops in Gujarat has been entrusted to the Agro Economic Research Centre by CACP, MoA, GoI. All the districts of Gujarat State are divided into 8 homogeneous zones on the basis of crops-pattern, soil productivity, rainfall etc. For providing a wider and varied base for generation of reliable and unbiased estimates of the crops, data collection work is in progress 60 selected talukas spread over 21 district of state. The data is collected in prescribed set of schedules by cost accounting method.

Under the crop complex approach, 10 crops, namely Paddy, Bajra, Maize, Wheat, Tur, Groundnut, Rapeseed & Mustard, Sesum, Cotton, Onion are selected for study on a continuous and simultaneous basis for three years block of 2008 to 2011.

At present, we are collecting data from a sample of 600 cultivator’s drawn from different size group of land holdings. The five size groups are below 1.0 hectare, 1.0 to 2.0 hectares, 2.0 to 4.0 hectares, 4.0 to 5.0 hectares, and 6.0 hectares & above.

Coding work of data collected for study crops, data entry in the computer, including its validation and revalidation is completed for the year 2010-11 and sent it to supporting agency MoA, New Delhi. The said work for the current year 2011-12 is in progress.

(H) HOSTELS

DETAILS OF RECTOR, SUPERINTENDENT, ROOMS CAPACITY, TOTAL STUDENTS, AND OTHER FACILITIES OF SIX HOSTELS OF THE UNIVERSITY

No.	Name of Hostel	Name of the Rector	Name of the Superintendents	Total Room	Students Capacity	Total Students Staying In 10-11	Other Facility
1.	Old Men’s Hostel No.1	Dr. B.B.Agja	Dr.S.M.Makwana	78	148	97	With Mess
2.	Nehru Hall Men’s	Dr. B.B.Agja	Dr.V.D.Mogaria	95	198	179	With Mess

	Hostel No.2						
3.	B.Sc. B.Ed. Hostel	Dr.N.R. Patel	Shri R. M. Patel	23	63	18	--
4.	C. T. E. Hostel	Dr.N.R. Patel	Shri R. M. Patel	27	60	24	--
5.	University Women's Hostel	Dr. Nandaben Patel	Smt Kapilaben Mistry, Assist Warden	102	318	289	With Mess
6.	University Women's (NRI) Hostel	Dr. Nandaben Patel	Smt Kapilaben Mistry, Assist Warden	09	18	63	--
7.	M.B.A. (NRI) Hostel	Dr. J.S. Panwar	Dr P.V. Virpariya	26	52	58	--

(I) SPORTS FACILITIES AND GYMNASIUM

The University was utilizing Shastri Maidan on rental basis till 2004. University, however, has now developed its own playground on 15 Acres land. The following facilities are available on this new playground.

- | | | |
|--|---|---|
| 1. Basket – Ball court with flood lights | : | 2 |
| 2. Volley – Ball Ground | : | 2 |
| 3. Kabbadi Ground | : | 2 |
| 4. Kho – Kho Ground | : | 2 |
| 5. Hand – Ball Ground | : | 1 |
| 6. 400 Meters Athletic Track | : | 1 |
| 7. Foot Ball Ground (Within the track) | : | 1 |
| 8. Cricket Ground (Within the track) | : | 1 |
| 9. Tennis Court (Mud Court) | : | 1 |
| 10. Table Tennis Hall (Indoor for one table) | : | 1 |

For other sports, the University continues to utilities Shastri Maidan.

SARDAR PATEL UNIVERSITY ORGANIZES INTER COLLEGIATE TOURNAMENTS FOR THE UNDER MENTIONED GAMES FOR THE STUDENTS OF ALL AFFILIATED COLLEGES AND DEPARTMENTS.

1. Athletics
2. Basket Ball
3. Badminton
4. Cricket
5. Chess
6. Foot Ball
7. Hand Ball
8. Table Tennis
9. Tennis
10. Kabaddi
11. Kho – Kho

The University also deutes the university team for the participation in the West Zone and All India Inter University Tournaments.

Shri Mayur Malvia of our university has bagged bronze Medal in the 200 Meter run at the all India Inter Athletics championship held at Acharya Nagarjuna University, Guntur during the year 2010-11.

FOR SPORTS ACTIVITY PLEASE REFER TO CHAPTER – V.

(J) UNIVERSITY PRESS

The University Press is an auxiliary service unit of Sardar Patel University, established to cater to the printing needs of the University. Seventeen employees are working in the different sections of the press like hand composition unit, computer unit, plate making unit and binding unit. The press is now equipped with A3 size colour laser printer, can print small run certificates, fliers, invitation, posters, visiting cards, etc at once. The University Press has isolated examination unit, which comprise data entry computer unit, proof reading hall, photocopying/printing unit and block-wise bundling room. All the question papers are printed in the secure environs of the examination unit. The press also prints routine stationery for the University office administration and departments, the monthly University newsletter, and the University journals, admission information booklet and application forms as well as PhD thesis and research publications under various UGC schemes.

4.4 INFRASTRUCTURE IN POSTGRADUATE DEPARTMENTS

(1) DEPARTMENT OF BIOSCIENCES

1. Phase contrast microscope (American Optics)
2. Photomicroscope (Carl- Zeiss)
3. Fluorescence microscope (Carl-Zeiss)
4. MPM 400 Photo Metry, KS 3000 Image Analyzer (Carl Zeiss)
5. Gas Chromatographs (Sigma, Chemito)
6. HPLC (Agilent)
7. HPTLC (Camag)
8. FPLC (Biorad)
9. TOC & TN analyzer (Shimadzu)
10. Elisa plate reader (UV-Visible) (Microdevices)
11. 2-D Gel electrophoresis unit with Isoelectric focusing facility (Biorad)
12. UV visible spectrophotometers (Heawlett– Packard, Unicam Beckman, Systronic)
13. Atomic absorption spectrophotometer (Analytic Jena)
14. Fermentor (New Brunswick)
15. Lyophiliser (FTS)
16. Themocycler (Eppendorf)
17. Gel documentation system – Gene line
18. Deep Freeze (-86° C) (Sanyo)
19. Ultramicrotome (Reichert)
20. Cryocut (leica)
21. Hybridization Oven
22. UV-Cross linker
23. Gas-Chromatograph System
24. Computer Laboratory with internet facility
25. Departmental library
26. Tissue culture laboratory
27. Animal house
28. Botanical garden
29. Herbarium
30. Phytoresource centre
31. Zoological museum

(2) DEPARTMENT OF CHEMISTRY

1. Differential Scanning Calorimeter (DSC) Make: TA Instruments, USA Model: 2920 DSC/TA 5000
2. Thermo gravimetric Analyser & Differential Thermal Analysis (TGA / DTA) Make: TA Instruments, USA Model: 2960 Sdt/Ta5000

3. Infrared Spectrophotometer (FT-IR) Make: NICOLET, USA Model: Impact 400 D
4. UV-VIS Spectrophotometer Make: Shimadzu, Japan Model: Uv-160a
5. High Pressure Liquid Chromatography / Gel Permeation Chromatography (HPLC/ GPC) Make: Waters, USA Model: Waters 600 E (Controller) Waters 991-Pda Waters 470 Scanning Fluorescence Detector Waters 410 Differential Refractor Meter
6. Soxhlet Extraction Apparatus
7. Vapour Pressure Osmometer Make: Knauer, W. Germany Model: K7000
8. Thermal Stability Tester
9. Chno- Elemental Analyzer Make: Heraeus. W. Germany Model: Chn-O Rapid
10. Instron Universal Testing Machine Make: Instron Utm, Uk Model: Table – III
11. Heat Deflection Temperature (Hdt) And Vicat Softening Point (VSP) Make: Cast, Italy Model: 6505/000
12. Pendulum Impact Tester Make: Zwic, Italy Model: 1501
13. Laser Refract meter Make: Wyatt Tech., USA Model: Dawn Eos
14. Vibrating Sample Magnetometer (VSM) Make: Lakeshore, USA Model: VSM 7304
15. Polarographs Make: ELICO, India Model: CI-90
16. Melt Flow Indexer
 - (a) Flash & Fire Point Tester (Clave And Open Cup)
 - (b) Flash Point By Pensky- Martens Closed Cup
17. Smoke Point Apparatus
18. Flammability Tester
19. Cloud And Pour Point Tester
20. Aniline Point Apparatus
21. Distillation Apparatus
22. Needle And Cone Electrometer
23. Specific Gravity Balance
24. Carbon Residue By Rams bottom Method
25. Redwood And Say bolt Viscometer
26. Brookfield Viscometer Make: Brook Field, USA Model: DV-II
27. Brabender Plasticorder Make: Brabernder Org., W. Germany Model: PLE 651
 - (a) Brinell Hard-Ness Tester Make: Hungary Model: AS-111
 - (b) Shore – A Hardness Meter
28. Air Circulating Oven
29. Muffle Furnace
30. Compression Set Tester
31. Ubbelhode Viscometer
32. Din Abrasion Tester Khushboo, Mumbai
33. Falling Dart Impact Tester Khushboo, Mumbai
34. Adhesion Tester Khushboo, Mumbai

(3) DEPARTMENT OF COMPUTER SCIENCE

1. IBM X-Series 225 [Server Machine]
2. Compaq ML530 [Server Machine]
3. Compaq Alpha DS10 [Server Machine]
4. Sun Ultra 10 [Server Machine]
5. HP Net Server E60 [Server Machine]
6. Compaq ML330e [Server Machine]
7. High-end Graphics Workstation from HP
8. IBiostation software package bundle
9. EDUSAT satellite receiving equipment set for the College to Career programme
10. All popular operating systems, including compilers as well as development software packages

(4) DEPARTMENT OF ELECTRONICS

1. Vacuum Coating Unit with Electron Beam Gun – 3 KW (Hind High Vacuum Ltd Make 15”, Model 15F64) (1 No.)
2. Vacuum Coating Unit with LN & DT (Hind High Vacuum Ltd. Make, Model 12A4D) (1 No.)
3. Vacuum coating Unit (USIC Make) (2 Nos.)
4. Multi Channel ISE/Ph/mV/ORT/Temp Bench Top Meter (Orion Make, 9201) (1 No.)
5. Precision LCR Meter (Agilent Make, 4284A) (1 No.)
6. Digital Image Processing Hardware & Software (Colour CCD Camera Colour Frame Grabber Card) (1 No.)
7. Process Controller Trainer with Temperature and Liquid Level (Apex Engineering Make) (1 No.)
8. Laminar Flow work Station (Kirloskar Make) (1 No.)
9. Fibre Optic Communication System (Benchmark Make) (2 Nos.)
10. Digital Communication System (Feedback Make, DCS – 297) (1 No.)
11. Antenna Trainer (Sciencetech Make, ST 2261) (1 No.)
12. Total Rework Station (Hakko Make, 720B) (1 No.)
13. PCB Inspection System (Matey Make, SL – 60) (1 No.)
14. PCB Drilling / Shearing / Etching Machine / Photo Resist / Dip Coating / Dye Developer (Crescent Make)
15. Digital Communication Training System. (Falcon Make) (1 No.)
16. Programmable Logic Controller (PLC) (Ansuman Make, XPO PLC)
17. Logic Scope (20 MHz) (Scientific Make, 201 LS) (1 No.)
18. Digital Storage Oscilloscope (Scientific Make, HM – 202 – 2) (1 No.)
19. Handy Scope (ADSO) (Hameg Make) (1 No.)
20. Programmable Power Supply (Hameg Make, HM – 7044) (2 Nos.)
21. Logic Analyzer (Promex Make, AL – 320) (1 No.)
22. Power Scope (International Make, TE – 9) (1 No.)
23. Multi function Universal system (Motwane Make, MS9160) (2 Nos.)
24. LCD Multi Media Projector (Toshiba & Philips Make) (2 Nos.)
25. Computer System with UPS and Printer (10 Nos.)

(5) DEPARTMENT OF HOME SCIENCE

1. HPLC, GLC, Fermentor, UV visible spectrophotometer, Fluorimeter etc.
2. Major and minor equipment such as Electronic balance
3. High Speed Refrigerated Micro Centrifuge
4. Refrigerated Incubator Shaker
5. Bacteriological incubator
6. Muffle furnace
7. Orion make fluoride pH meter
8. Flame photometer
9. Laminar Air flow
10. Digital spectrophotometer
11. Transilluminator
12. Autoclave
13. Hot air oven
14. Lyophiliser
15. Refrigerator
16. BOD Incubator
17. Microscopes
18. Tensile tester
19. Dress forms (Dummies)
20. Twist Tester (Hand operated)
21. Tearing Strength Tester
22. Padding mangal - Hand Operated

23. Crease recovery tester
24. Washing machine.
25. Computers (11)
26. Printers (10)
27. Scanner (2)
28. Copier Machine etc.

In all the instruments in the department number around 400 approximately

(6) DEPARTMENT OF MATERIALS SCIENCE

1. Scanning Electron Microscope Hitachi S-3000N
2. Renishaw in Via Raman Microscope
3. Mettler Thermal Analysis System TA 4000 up to 1000oC and 1600 oC
4. Micromeritics ASAP 2020 Surface Area and Porosity Analyzer
5. Micromeritics Gemini BET Surface Analysis System
6. Instron Universal Testing Machine 5500
7. Shimadzu UV-Visible Spectrophotometer
8. Shimadzu FTIR 8300 Spectrophotometer
9. Systronics Flame Photometer
10. Leitz Optical Microscope Metloplan 12POL5
11. Digital Rockwell Hardness Tester (TRSDM)
12. Particle Size Analyzer
13. Laboratory scale spray drier
14. Gas Chromatograph, Sigma
15. Mettler Toledo Densitometer
16. Dynisco Mini mix Extruder
17. Hot Isotatic Pressing
18. LEICA DFC 300FX Image Analyzer
19. Thin Film Coating Unit
20. Carbonisation and Activation furnaces
21. Heat treatment Furnaces upto 1000oC, 1750oC and 2500oC
22. Impregnation Chamber
23. Machine shop for sample preparation, polisher, sieve analysis, surface grinder etc
24. Facilities for development of inorganic and hybrid gels: Stirrers, Drying Ovens,
25. Facilities for development of model fiber reinforced composites: Filament winding, prepregging, moulds and Hydraulic press etc.

(7) DEPARTMENT OF MATHEMATICS

(a) Departmental Mathematics Library

1. NBHM Regional Library earning annual grant of Rs. 20 Lakh
2. Total Library Grants earned so far around Rs. 1.40 crores.
3. Number of National/International Journals subscribed: 50
4. Number of users (excluding the department staff and students): 50
5. Approximate number of books in the library 2000
6. Back volumes of the journals: since 1971
7. Internet connectivity made available to the users
8. Inlibnet available on 18 computers.
9. Photocopying Facility: made available to users.

(b) Computer Laboratory

1. Around 60 networked computer systems (some with Multimedia and CD/RW).
2. Mathematica 3.0
3. MACSYMA
4. LaTeX
5. MatLab

(8) DEPARTMENT OF PHYSICS

1. Hall Measuring Assembly 'Lake Shore'.
2. 'Seifert' Highly stabilized X-ray generator.
3. 'Hind Hivac' vacume box coater BC 300.
4. Trinocular upright metallurgical Microscope model AXIOTECH, Carl Zeiss make.
5. 'Agni' high temperature furnace (1700 C).
6. Variable temperature compact optical closed cycle cryogenic refrigerator system.
7. Microprocessor controlled freezed drier with accessories-Lipholiser.
8. 'Sigma' 2k Centrifuge.
9. Getener trinocular IC2000M microscope with CCTV system.
10. Multimedia projector.
11. 'HP' LCR meter.
12. Computer system with necessary accessories.
13. Hydraulic compression testing machine.
14. Potentiostatic/ Galvenostatic system.
15. Green Laser Source.
16. Optical microscope with long working distance.
17. Optical absorption measurement setup for high-pressure measurements using DAC.
18. Vibration Isolation system, Honeycomb structure, SANDVIC make (for mounting High Pressure absorption measurement set-up)

(9) DEPARTMENT OF STATISTICS

1. Well established computer lab with around 30 computers
2. Statistical software SPSS

(10) DEPARTMENT OF BUSINESS ADMINISTRATION (M.B.A)

1. Well established computer lab with around 30 computers
2. Statistical software SPSS
3. Other softwares
4. Digital Camera
5. Video Camera
6. T.V. Set
7. VCR
8. Multimedia Projectors

(11) DEPARTMENT OF ENGLISH

1. Library of Sounds
2. Language Laboratory
3. Recording Laboratory

(12) DEPARTMENT OF HINDI

1. Passenger-Vehicle (Matador)-01
2. Video-Camera-01, Ordinary Camera-o1
3. Tape-Recorders-02, OHP-01, Sound-System
4. L. P. Records, A/V Cassettes
5. Computer-Set
6. Stage-Lights
7. Dimmer-States, Stage-Property
8. T.V. Set, VCR

**4.5 NEW CIVIL WORK IN PROGRESS/COMPLETED IN THE YEAR
2010-11**

NO.	PARTICULARS	COST	STATUS
1.	Construction of Pariksha Bhavan Building	10 Crore	Completed
2.	Construction of S.T.Hostel Building	2.5 Crore	Completed
3.	Academic Staff College Guest House	75 Lacs	Completed
4.	Humanities Renovation	22 Lacs	Completed
5.	Computer Science Renovation	15 Lacs	Completed
6.	Computer Centre Renovation	15 Lacs	Completed
7.	Old Biosciences Building Renovation	10 Lacs	Completed
8.	Physics Department Renovation	5.32 Lacs	Completed
9.	Home Science Department Renovation	5.15 Lacs	Completed
10.	Basic Facilities for Women	28 Lacs	Completed
11.	Women's Hostel Construction	2.07 Crore	In Progress
12.	University Second Floor Renovation	25 Lakhs	In Progress
13.	Campus Development	60 Lakhs	In Progress
14.	Gymnasium Hall Construction	5 Crore	In Progress
	Total	22.17 Lakhs	

CHAPTER – 5

STUDENTS' SUPPORT AND PROGRESSION

We are a rural university and our student population demographically comes largely from rural areas, with a significant number of them commuting between surrounding villages and Vallabh Vidyanagar. This localized nature of students profile is an outcome of Policy of the Government of Gujarat which stipulates that 87% seats in the grant-in-aid institutions be reserved for students of the same university, compatible with general reservation policy of the Government on the one hand, and an indicator of rural regeneration through education in progress on the other. It is aimed particularly at underprivileged/disadvantaged classes of society like SC/ST/OBC and women. However, for little more than last decade, this localized nature of student profile is getting significantly counter-balanced by those from cosmopolitan background being added due to students getting admitted to Self-financed programmes and various UGC-funded schemes like SAP-DRS which mandate a 20% student intake from outside the state.

High Quality of education, need-based specialized contemporary programmes and a highly professional work culture in self-financed institutes and programmes leads to a large number of students from all over the country getting attracted to these programmes. This has apparently brought about a semblance of balance in our student profile.

5.1 TALENT SEARCH AND NOURISHMENT

Both our teachers and the teaching programmes we offer in the University Departments are quite sensitive to the demands of talented students highly committed to specific goals. The University reciprocates by designing, special optional programmes for such students with a view to providing them with a platform for active interaction between with the faculty. This has strengthened their effort to crack exams like NET-JRF, SLET, GATE, CAT, IAS. The idea is also to provide hands-on experience through projects, term papers, organising and participating in advanced level conferences and seminars. The information of the students who have cleared the prestigious examinations is shown elsewhere in the report.

5.2 COACHING PROGRAMME FOR SC/ST

The UGC, New Delhi has sanctioned two Coaching Centres for NET/NETURE for students from SC/ST and Minority Communities to prepare them for National Eligibility Test (NET) so that sufficient number of candidates becomes available for selection of Lecturer in the University System under X – Plan.

5.3 PHYSICAL EDUCATION

Sardar Patel University had organized various Inter Collegiate tournaments in the year 2010-2011. The result of the same is furnished below.

MEN'S SECTION

GAME	WINNER	RUNNER'S UP
Cricket	BJVM	ADIT
Tennis	GSET	SECOM
Volleyball	C. P. Patel Comm. College	Shree Bhikhabhai Patel Arts College
Kabaddi	N. S. Patel Arts College	C. P. Patel Comm. College
Kho-Kho	N. S. Patel Arts College	Shree Bhikhabhai Patel Arts College
Badminton	P. G. Department	GSET
Basketball	SECOM	BJVM
Table Tennis	ADIT	SECOM

Handball	Shree Bhikhabhai Patel Arts College	C. P. Patel Commerce College
Athletics	C. P. Patel Comm. College	S. S. Patel College of Physical Education
Football	SEMCOM	N. V. Patel Science College
Chess	ARIBAS	ADIT

WOMEN'S SECTION

GAME	WINNER	RUNNER'S UP
Volleyball	SEMCOM	N. V. Patel Science College
Kabaddi	Shree Bhikhabhai Patel Arts College	N. S. Patel Arts College
Kho-Kho	Shree Bhikhabhai Patel Arts College	N. S. Patel Arts College
Badminton	Dr. V. H. Dave Homeopathic	N. V. Patel Science College
Basketball	SEMCOM	N. V. Patel Science College
Table Tennis	ARIBAS	D. C. Patel School of Architect
Athletics	Shree Bhikhabhai Patel Arts College	S. S. Patel College of Phy. Edu.

5.4 YOUTH WELFARE AND CULTURAL ACTIVITIES

Activities organized

Sardar Patel University organizes Inter Collegiate Youth Festival Competition every year for the students of the affiliated colleges and departments. University also deputed a team for participation in the West Zone Inter University Youth Festival Competition. The cultural events of the Youth Festival are shown below:

1. MUSIC EVENTS / ITEMS:

- (a) Classical Vocal Solo
- (b) Classical Instrumentation Solo (Percussion)
- (c) Classical Instrumentation Solo (Non Percussion)
- (d) Light Vocal Solo
- (e) Western Vocal Solo
- (f) Groups Song Indian
- (g) Group Song Western

2. DANCE ITEMS:

- (a) Classical Dance
- (b) Folk Dance

3. LITERARY ITEMS:

- (a) Debate
- (b) Elocution
- (c) Quiz

4. THEATER ITEMS:

- (a) One Act Play
- (b) Skit
- (c) Mime
- (d) Mimicry

5. FINE ARTS ITEMS:

- (a) On the spot Painting
- (b) Poster Making
- (c) Collage
- (d) Clay Modeling
- (e) Cartooning
- (f) Rangoli

No.	Event	Position	College/Department
1	Classical Vocal Solo	First	R.M.Desai Music & Dance, V.V.Nagar
		Second	SEMCOM, V.V.Nagar
		Third	BJVM
2	Classical Instrumental Solo (Percussion)	First	NVPAS
		Second	R. M. Desai Music & Dance College
		Third	H.M. Patel Inst. of English
3	Classical Instrumental SOLO (Non-Percussion)	First	ARIBAS
		Second	R. M. Desai Music & Dance College
		Third	ILSASS
4	Light Vocal Solo (Indian)	First	P. G. Dept. of Home Sci.
		Second	Anand Arts College, Anand
		Third	SEMCOM
5	Western Vocal Solo	First	P. S. Medical College Karamsad
		Second	ARIBAS
		Third	Sardar Patel College of Adm. & Mgt.
6	Group Song (Indian)	First	ILSASS
		Second	C. Z. Patel College of Busi. & Mgt.
		Third	SEMCOM
7	Group Song (Western)	First	Sardar Patel College of Adm. & Mgt.
		Second	ARIBAS
		Third	SEMCOM
8	Quiz	First	D.C.Patel School of Architecture
		Second	ARIBAS
		Third	P. M. Patel College of Busi. Adm.
9	Debate	First	H.M.Patel Inst. of English
		Second	ILSASS
		Third	SEMCOM
10	Elocution	First	ARIBAS
		Second	C.P. Patel Commerce College
		Third	B.G. Patel College of Physiotherapy
11	One Act Play	First	ARIBAS
		Second	M.B. Patel Sci. College
		Third	SEMCOM
12	Skit	First	SEMCOM
		Second	ARIBAS
		Third	H.M. Patel Inst. of English
13	Mime	First	M.B. Patel Sci. College
		Second	Christian College of Mgt.
		Third	SEMCOM
14	Mimicry	First	ARIBAS
		Second	SEMCOM
		Third	P. G. Dept. of M.S.W

15	On The Spot Painting	First	H.M. Patel Inst. of English
		Second	SEMCOM
		Third	Takshshila College of Mang. & Tech.
16	Collage	First	SEMCOM
		Second	D.C.Patel School of Architecture
		Third	H.M. Patel Inst. of English
17	Poster Making	First	D.C.Patel School of Architecture
		Second	N.S. Patel Arts College
		Third	H.M. Patel Inst. of English
18	Clay Modeling	First	ARIBAS
		Second	D.C.Patel School of Architecture
		Third	N.S. Patel Arts College
19	Cartooning	First	ARIBAS
		Second	P. G. Dept. of Home Sci.
		Third	SEMCOM
20	Rangoli	First	H.M. Patel Inst. of English
		Second	P. G. Dept. Of Gujarati
		Third	P. G. Dept. Of Home Sci.
21	Spot photography	First	P. G. Dept. Of Media Studies
		Second	Anand Commerce College
		Third	H.M. Pate Insti. of English
22	Classical Dance	First	ILSASS
		Second	M.B. Patel Sci. College
		Third	SEMCOM
23	Folk Dance	First	ARIBAS
		Second	SEMCOM
		Third	M. B. Patel Science College Anand

5.5 STUDENTS' UNION IN THE UNIVERSITY

All the Colleges affiliated to Sardar Patel University have Student Central Committees, presided over by the Principal, and assisted by a teacher as ex-officio member. The Principal concerned on the basis of merit selects the General Secretary, other Secretaries, and Class Representatives. Some colleges conduct elections. In postgraduate departments also the central committees are formed select extra curricular and co-curricular activities are organised regularly under the supervision of ex-officer.

5.6 ALUMNI ASSOCIATION

We have formed our own Alumni Association in addition to those active Associations in countries like USA, UK etc. Apart from this, some Postgraduate Departments have formed their own Alumni Associations, which are actively engaged on Organizing Annual Meeting and Academic Events. These are as follows:

No	Department	Alumni Association
1.	Physics	Physics Alumni Association, Department of Physic S.P.Universtiy, V.V.Nagar Established in 2005, Total No. of members 204 Activities during the period 1/4/2010 to 31/3/2011 : State Level Seminar on Condensed Matter Physics-with Nano-science Flavours (SCMP-11) on 04/02/2011 at Department of Physics, S.P.Universtiy, V.V.Nagar
3.	Business Studies	Department has organized Alumni Meet in April, 2010. The department registered members and collected donation from those students who have been awarded M.Phil and Ph.D. degrees during the year.

3.	Business Administration (MBA)	Organized Alumni Meet – 2011,in February,2011 on Second Sunday like every year.77 alumni attended in alumni meet 2011 on 6 February. Alumni had experience sharing with present students in variety of ways to make them more suitable for years ahead.
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5.7 FREE SHIPS / SCHOLARSHIPS/ FELLOWSHIPS

FELLOWSHIPS

The University awards fellowships and free-studentships to the deserving and needy students. At present, the University has instituted several junior and senior Fellowships, each worth Rs. 100/- per month. The Government of India encourages scientific and industrial research work of Doctorate standard in the University by awarding scholarships to enable deserving students to carry out research.

FREE-STUDENTSHIPS

The total number of free-studentships available in each department is 5% of the total strength of the department. Free-studentships are awarded to the postgraduate students reading for their Master's degree, who are otherwise not eligible for the Economically Backward Class Free-studentships or Scholarships for the Scheduled Caste, Scheduled Tribe and other Backward Class students.

EBC free-studentships are awarded by the State-Government and the students are required to apply through the University in the prescribed form available from the University office along with the following certificate:

- Certificate of income of family from all sources, from the First Class Magistrate/ Mamlatdar/ T.D.O. as the case may be.
- If the candidate or his guardian is an agriculturist, a copy of the extracts from village from VII-XII in respect to lands possessed by him/them.

Likewise, students applying for the Scheduled Caste, Scheduled Tribe and other Backward Class scholarships are required to furnish the following certificates

- Caste certificate from the concerned Social welfare Officer stating that he/she belongs to the Scheduled Caste/Scheduled Tribe/Other Backward Class.
- Income certificate for Other Backward Class student from Mamlatdar/ Mahalkari / T.D.O. as the case may be.

SCHOLARSHIP/FINANCIAL AID TO STUDENTS

Financial assistance was provided to deserving Postgraduate students of the University by way of Scholarships, Fellowships, and Free-studentships. Various research scholarships were awarded during the year by Governmental agencies viz. Ministry of Education University Grants Commission and Council of Scientific and Industrial Research and a few Private agencies to students reading for their Ph.D. degree.

The details regarding various Scholarships/Fellowships/Free-Studentships etc. Awarded by the university are as under:

No	Name of the Project / Fellowship	No of students	Amount
1	University free studentship	4	48,0000/-
2	University fellowship	5	6,000/-
3	Self-finance free Studentship	70	7,60,000/-
4	Privet Endowment Scholarship	1	8,340/-
Total		80	8,22,340/-

Research Scholarship / Fellowship Awarded 2010-11

No	Name of the Project / Fellowship	No of students	Amount
1	J.R.F	1	-2,44,641/-
2	C.S.I.R	3	4,78,802/-
3	R.G.N.F	12	18,22,440/-
4	P.G.Merit for rank holder Scholar	7	1,70,000/-
5	Indira Gandhi Single Girl	5	1,60,000/-
6	N.B.H.M	1	72,000/-
7	Dr. D. S. Kothari Research	1	1,68,935/-
Total		30	26,27,536/-

Category of Students – 2010-11

No	Name of the Project / Fellowship	No of students	Amount
1	S.C Scholarship	160	8,14,543/-
2	S. T. Scholarship	17	90,785/-
3	Baxipanch Scholarship	318	8,73,942/-
4	Minority Scholarship	20	46,500/-
5	Handicap Scholarship	1	3,000/-
6	E.B.C Scholarship	17	20,400/-
7	Gujarat Higher Education Scholarship	2	1,000/-
8	Miscellaneous Scholarship	12	1,76,570/-
Total		547	20,26,740/-

5.8 SC/ST CELL

The guidelines issued by UGC, Govt. of India, State Government and various agencies regarding reservation policy for admission to the colleges as well as Post-graduate Departments. Recruitment to teaching and non-teaching posts, provision of accommodation in hostels, allotments of staff quarters etc. in respect of SC/ST have been circulated to all concerned and are being implemented. The SC/ST Special Cell, which takes necessary steps to display all Notification/circulars on all the Notice Boards and provides guidance to the students belonging to SC/ST important decisions taken by the University advisory Committee for scheduled castes/scheduled tribes were strictly followed and implemented.

University Grants Commission has laid down certain norms and initiated programme to implement the reservation policy for Weaker Section (i.e. SC/ST) in the University and affiliated colleges to provide special facilities to students from these communities for their betterment and welfare as per instructions/orders given by the Govt. of India.

SC/ST Cell is also monitoring the Progress of the NET coaching classes with the help of financial assistance by the UGC, New Delhi for SC/ST and minority students and provided the guidance for competitive examination.

Important decisions taken by the University Advisory Committee for Scheduled Castes/Scheduled Tribes were strictly followed and implemented.

The Roster Policy has been implemented in the University during the year 2009-10 and Mr. Mahesh I. Parmar has been appointed as Roster Implemented Officer

SC/ST cell also work with the help of the Establishment Section to implement the reservation policy as per the Roster Register and try to maintain the Reservation Percentage for University Teaching and Non-Teaching Staff.

SC/ST Cell also giving guidance to the Academic Section at the time of Admission process and take necessary measure to insure that Reservation policy of the Government maintain at the time of Admission procedure.

5.9 PLACEMENT CELL

A Career and Counseling Cell of the University is operating in the old Bio-Sciences Department. The Cell has organized various placement drives in Collaboration with various departments, many companies mention below in the department wise activity visited the campus and recruited more than 100 students to placement drive. Prof. H. J. Jani is appointed as a Honorary Co-ordinator and Dr. D. J. Karia is appointed as a Placement Officer. Following Departments have established placement cells for helping the students to have placement opportunities when they are continuing in the Master's Programme:

The Departmental cells are quite active in addition to placement facilities; these cells provide career counseling to the students.

DEPARTMENT OF COMPUTER SCIENCE

Following companies have conducted placement procedures for the department.	
1	Tata Consultancy Services, Gandhinagar
2	Indusa InfoTech Services Ltd., Ahmedabad
3	PROSEON Technologies Pvt. Ltd., Baroda
4	Niche Tech Solutions (P) Ltd., Ahmedabad
5	eInfoChips Pvt. Ltd., Ahmedabad
6	System Level Solutions India Pvt. Ltd., VVN
7	Infosense Pvt. Ltd., Ahmedabad
8	Maruti Technolgies Pvt. Ltd., Ahmedabad
9	TinyERP Pvt. Ltd. , Ahmedabad
10	C-SAM India Pvt. Ltd., Baroda
11	Young World Infotech., Anand
12	Finlogic Technologies India Pvt. Ltd., Ahmedabad
13	Global Infosense, Ahmedabad
14	Crédit Suisse Securities (Europe) Ltd., Mumbai
15	eClinicalworks , Ahmedabad

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Since Department has no Placement Cell formally, though almost 95% students received good placement by the efforts of the Department.

DEPARTMENT OF MATHEMATICS

We had done campus interview with Tata Consultancy Service, 3 students got the Placement from our department.

DEPARTMENT OF STATISTICS

No.	Name	Company Name
1.	Alpaben Mansukhbhai Dangrosiya	ALSTOM, Baroda
2.	Ankitkumar Chhaganbhai Parmar	Concept Learning Centre, Baroda
3.	Arpitaben Arvindbhai Dave	Green Dot, Valsad
4.	Avinash Govindbhai Salvi	Punyam Management Services Pvt. Ltd., A'bad
5.	Belaben Madhusudan Shah	International Business Certifications, Baroda
6.	Bhavin Kanubhai Parmar	Hexagone Designs Pvt. Ltd.
7.	Bhavinkumar Kiritbhai Vyas	Shankar Packagings Limited, Baroda
8.	Dilipbhai Chamanlal Vaghela	Agriculturist (Not Interested In Job)

9.	Dipikaben Jagdishbhai Patel	Technocrat Consultants,Ahmedabad	
10.	Gauriben Lalshankar Thakar	Assistant Professor(Ad Hoc)	
11.	Girishkumar Vinodbhai Vekariya		
12.	Jigeshkumar Jagdishbhai Parekh	International Business Certifications, Baroda	
13.	Jigneshkumar Chandubhai Bhoi	SKP Bearing Industries, Surendranagar	
14.	Kalpesh Dipakkumar Soni	TCS, Baroda	
15.	Kamlesh Laljibhai Prajapati	TCS, Baroda	
16.	Keyurkumar Prakashchandra Shah	Concept Learning Centre, Baroda	
17.	Khyatiben Digishbhai Mehta	Asstt. Professor(Ad Hoc)	
18.	Kirteshkumar Rameshbhai Dhobi		
19.	Krishnalal Ghanshyambhai Tholiya	Own Business(CNC Mechines)	
20.	Mahamodsahidkhan Ashargarkhan Pathan	S.S. White, Surendranagar	
21.	Maulikkumar Harshadbhai Prajapati	Manoria Associates, Ahmedabad	
22.	Minotiben Hasmukhbhai Mahant	Prashant Group Pvt. Ltd, Baroda	
23.	Mitalben Nareshbhai Vaghela	Manoria Associates, Ahmedabad	
24.	Mohammadakil Iqbalhusian Shaikh	TCS, Baroda	
25.	Mukul Kumar Punambhai Patel	4C Consulting Pvt. Ltd.,Ahmedabad	
26.	Nimisha Parsottambhai Patel	Punyam Management Services Pvt. Ltd., A'bad	
27.	Nirali Vinodbhai Gudka		
28.	Prakashkumar Ramabhai Bajariya		
29.	Puja Umeshbhai Joshi	Falcon Pumps, Rajkot	
30.	Rimaben Harishchandra Chauhan(SF)	Gujarat Infrapipes Pvt. Ltd., Baroda	
31.	Satishkumar Popatbhai Bambharoliya		
32.	Sharad Vijaykumar Pillai	Aegis Limited, Ahmedabad	
33.	Shradhdha Rameshkumar Pachani	Falcon Pumps, Rajkot	
34.	Shreyash Kiritkumar Prajapati	Technocrat Consultants,Ahmedabad	
35.	Tusharkumar Babubhai Patel	Manoria Associates, Ahmedabad	
36.	Tusharkumar Rasiklal Prajapati	Green Dot, Valsad	
37.	Vidhi Surinderkumar Sabharwal	IQR, Ahmedabad	
38.	Vishal Haribhai Desai	Project, MBA Department,SPU,VVN.	
39.	Zankhanaben Ashokkumar Shah	TCS, Baroda	
PLACEMENT OF M.SC.(STATISTICS) 2010-11			
40.	Abhay Joshi	Bussiness Analyst	TCS, Baroda
41.	Aditya Avinash Chavan	Risk Analyst	Wilis India Insurance Brokers
42.	Aditya Pravinkumar Tembhe	Software Analyst	Kendle Pharma
43.	Dhiraj Gulabrao Yewale	Bussiness Analyst	TCS, Baroda
44.	Dixitaben Ashokbhai Patil	Preparing For GRE	
45.	Mayurkumar Narayanbhai Raiyani	Statistical Assistant	New Mental Hospital
46.	Rajendra Ganapatrao Desai	Biostatistician	Krishna Hospita, Anand
47.	Sarjubala Valsingbhai Kamol	EDJ.	B.Ed.
48.	Shubhabrata Poddar	Bussiness Analyst	TCS, Baroda
49.	Shubhamoy Bhattacharjee	Software Analyst	Kendle Pharma
50.	Vaishaliben Dhirajbhai Sangada	Edj.	B.Ed.
51.	Yogesh Sampat Bhilare	Bussiness Analyst	TCS, Baroda

DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

During the year 2010-2011, 18 Organizations visited our Campus, resulting in 85% (57 Students) placement for the students. The Average Salary of Placement was Rs.2,25,000/-.

CHAPTER – 6

ORGANIZATION AND MANAGEMENT

The university has a long-standing tradition of leadership in all walks of academic as well as administrative life. The university has been fortunate to have had the leadership of Vice Chancellors like Bhaikaka, Shri Babubhai J Patel, Professor RD Patel, Professor PJ Patel etc who, in addition to their constitutional functions, also motivated teachers for gradually developing higher standards. The Registrars of this university and the distinct culture of this geographical area reflect leadership in a very different way. Most of the villages of this area, culturally called Charotar, who had settled in different countries of the world about 150 years ago, are now settled in the UK and the USA. Because of their constant interaction with the university, they released many systems for the effective management of this university. The name of Sardar Patel is well known for his unflagging zeal in the service of his people and this was well ingrained in the university system that made this university known well all over the world in short span of half a century.

The traditionally established discipline in the university system provides an opportunity to think in a creative way for the better performance of the university as a whole. This university is an affiliating university encompassing a small geographical region. It caters to the needs of approximately 40,000 to 42,000 students distributed in 11 faculties in 61 affiliated collages. As a result, it faces the problem of inadequate staff in academic and administrative sections. The leadership faces these problems interacting from macro to micro and vice versa in a way that some parameters, not in control of the system, like finance, timely recruitments, and centralized admissions independently so that it does not affect the system adversely.

The university is aware about its goal reflecting quality inclusion of all the aspects of higher education right from its inception. The mission statement of the university is: ***“EDUCATION WITHOUT CHARACTER IS OF NO VALUE. WE MUST BE INTENT IN PRODUCING CITIZENS OF INDIA AND NOT THE HELPLESS ONES LOITERING FOR JOBS.”*** This combines the ultimate goal of education as character building of independent citizens able to generate self-employment. It is amazing that in 1955 this mission was a message to the university and the society. The goals are to fulfill the mission in terms of the targets for achievement. The fruits of knowledge are good conduct and character, ever elevating each other. It reflects great concern of this university historically. The scholars who render their expertise in the university also sent out this message to generations of young aspirants coming in for studies as students and teaching as teachers because learning in the absence of any one of this pair makes the process insipid. The university devises technology as a supportive system, and ensures that both the teacher and the taught are focused on learning. This reflects quality on three basic fronts, viz. teaching, research and extension. It is not as if corporate activities are ignored. These also get a fair share of attention from the teaching fraternity as mandated by the UGC and, therefore, the University.

Major statutory academic bodies of the university include boards of studies, faculties, board postgraduates studies research, Academic council the syndicate and the senate Each of these bodies considers proposals, discusses them at length and decides on policy before passing the proposals on to the next higher body. Consequently, quality is perceived and pursued naturally, without wasting time and energy in mere discussion. The official interactions between the administrative and academic units are bilaterally gainful for making the functioning more effective and efficient both ways in quite an amicable manner. Administrative sections and their intersectional communications make the whole system goal-oriented.

The Following describe the number of meeting held in the year 2010-2011

6.1 STATUTORY DECISION MAKING BODIES OF THE UNIVERSITY

	Important Bodies	Meeting Held	Total Members
A	Senate	01	102
B	Syndicate	09	17
C	Academic Council	02	71
D	Board of Postgraduate Studies and Research		
E	Faculties		
	Faculty of Arts	01	154
	Faculty of Science	01	158
	Faculty of Business Studies	01	100
	Faculty of Engineering and Technology	--	100
	Faculty of Management	01	33
	Faculty of Education	01	32
	Faculty of Home Science	01	12
	Faculty of Law	01	04
	Faculty of Homoeopathy	--	12
	Faculty of Medicine	01	31
	Faculty of Pharmacy	--	42
F	Boards of Studies		
	Hindi	01	17
	Gujarati	01	18
	Sanskrit	01	10
	English	01	22
	History	01	05
	Logic and Philosophy	01	02
	Sociology	01	09
	Psychology	01	07
	Economics	01	18
	Political Science	01	06
	Geography	01	02
	Co-Operation	01	04
	Library Science	02	03
	Music and Dance	01	01
	Mathematics	01	17
	Statistics	01	13
	Chemistry	01	21
	Physics	01	23
	Biosciences	02	33
	Industrial Chemistry	01	07
	Computer Science	01	20
	Electronics	01	13
	Materials Science	01	04
	Geology	--	03
	Commerce and Business Studies	01	25
	Accountancy	01	24
	Banking	01	03
	Civil Engineering	--	13
	Electrical Engineering	--	15
	Mechanical Engineering	--	13
	Applied Mechanical and Structural Engineering	--	13

	Electronics Engineering	--	15
	Production Engineering	--	14
	Computer Engineering	--	12
	Management	02	31
	Education	02	29
	Law	01	03
	Home Science	01	10
	Homoeopathic	01	10
	Clinical	01	14
	Para-Clinical	01	09
	Pre-Clinical	01	08
	Pharmaceutical Chemistry	--	12
	Pharmaceutics Pharmaceutical Technology	--	10
	Pharmacology	--	09
	Pharmacognosy and Phytochemistry	--	07
G	AD-hoc Board		
	B.E. (Mechatronics)	--	13
	B.E. (Elect. and Comm.)	--	11
	B.E. (Information Technology)	--	11
	Master In Urban Planning	--	07
	B.Arch.	--	12
	B.E. (Automobile Engineering)	--	14
	B.E. (Chemical Engineering)	--	11
	B.E. (Food Processing Tech.)	--	11
	B.S.W./ M.S.W.	01	14
	Bio-informatics	--	10
	Post Graduate in Pharmacy	01	07
	B.E. (Bio Engineering)	--	14
	E-Commerce	01	07
	Post Graduate studies Engg.	--	14
	Diploma Course In Orthopedics	--	10
	Instrumentation	01	09
	Master Of Valuation (Real Estate) and Master Of (Plant & Machinery)	--	09
	Master Of Industrial Hygiene and Safety	--	08
	Interior Design	--	08
	Biotech. In Medical Science	--	08
	Master of Public Administration	--	05

6.2 UNIVERSITY FINANCE

The operating budget of the institutions is adequate to cover their day-to-day expenditure. Notwithstanding the fact that the State Government sometimes fails in releasing the adequate monthly grant in time creates pressure on the fiscal resources of the University, the pressure is eased using the funds available from the self-financing programmes and courses. The maintenance budget of the University is insufficient with reference to its assets, mainly because the Government, though based on value estimated three years ago, provides only 3% of the book value of the assets. The University accounts have been audited regularly, and a mechanism has been established for internal as well as external audit.

Three initiatives have been undertaken to ensure proper financial management in the University. (1) The University appointed a High-Powered Committee in 2003-04 to coordinate and streamline the financial aspects of the Postgraduate Departments as well as the Administrative Unit, and its recommendations have been implemented. (2) An internal auditor, who is a qualified chartered

accountant, audits and approves each bill prior to payments being made, and then puts up the monthly report before competent authorities of the University. (3) The Executive Council has also appointed a Financial Advisory Committee for overseeing fiscal management and providing guidelines to ensure that the financial health of the University is maintained.

SYSTEMS OF ACCOUNTS

1. Maintenance Accounts (Non-Plan), dealing with revenue receipts and expenditure of the university.
2. Development Account (UGC Plan), dealing with the development of the university. The expenditure is being met out of the five-year plan.
3. Earmarked (Specific) and Endowment Funds, dealing with the transactions in connection with the earmarked research projects and awarding scholarships and medals. Conferences and other specified purposes are funded by various agencies namely UGC, DST, DAE, CSIR, DRDL, ICAR, NDDDB, State Governments etc.
4. Self Financed courses: Separate accounts are maintained and expenses are being met from the resources.
5. Debt, Funds and Deposits relate to the receipts and payments in connection with the Provident Fund and other various receipts.

CHAPTER – 7

HEALTHY PRACTICES/ INNOVATIVE PRACTICES

7.1 SANSKAR MANDAL AND BALWADI

The University promotes and contributes to Sanskar Mandal, an NGO, for organizing cultural activities involving family members of the staff of the University. Sanskar Mandal, established in 1971, is an institution imparts knowledge with fun. In addition to the educational activities, it also undertakes other welfare activities for women and children. National festivals are celebrated with great zeal.

Sanskar Balwadi also organizes regularly various kinds of competitions such as Fancy Dress, Hair Style, Mehndi, and Garba Competition at Taluka and District Levels. It provides nutritious food to children and has swings and slidings for the amusement of the children on its large compound. It has fine equipment for the development of various skills.

The following are the activities conducted by the Sanskar Balwadi

No	Activities	No	Activities
1.	Sanskar Balwadi - Kindergarten	8.	Felicitation of Talented Students
2.	Sanskar Kids	9.	Sports
3.	Women Wings	10.	Cultural Activities
4.	Kids Library	11.	Celebration of National Festivals
5.	Prof. J. K. Patel Memorial Garba Competition	12.	Devine songs competition
6.	Navratri Celebration	13.	“Gauri Vrat” cultural competition
7.	Dr. Vikram Sarabhai equation competition	14.	Bhajan competition

Sanskar Mandal and Balwadi

President – Dr Harishbhai Desai

Vice – President – Dr A. R. Jani, Dr. J. S. Parmar

Secretary – Shri Raghav M. Patel, Shri B. Z. Mistry

Treasurer – Shri P. K. Bhoi

7.2 Internal Quality Assurance Cell (IQAC)

Internal Quality Assurance Cell was established in May 2004 after accreditation of our university. In keeping with our policy of paying greater attention to quality aspects to make Quality Consciousness an intrinsic part of the academic and administrative fabric in the University, we set up an IQAC. Its twin objectives are: (a) to ensure continuous improvement in the entire operation of the institution; and (b) to assure the stakeholders in higher education – namely, students, parents, teachers, staff, would-be employers, funding agencies and society in general of the accountability of the institution for its own quality and probity. It functions under the guidance of a Quality Advisory Committee (QAC) chaired by the Vice Chancellor.

The IQAC is mandated to perform the following functions: (1) to develop and apply quality benchmarks/parameters to various activities of the institution; (2) to disseminate information on quality aspects; (3) to organize discussions, workshops, seminars and promote quality circles; (4) to record and monitor quality measures of the institution; (5) to act as a nodal agency of the institution for quality related activities; and (6) to prepare the Annual Quality Assurance Report and such other reports as may be required from time to time.

1. Prof. H.J. Jani, Co-ordinator IQAC
2. Prof. S.J. Bhatt, Co-coordinator, IQAC
3. Prof. J. H. Khan, Co-coordinator, IQAC

CONTRIBUTIONS OF IQAC IN OTHER QUALITY RELATED ACTIVITIES

1. Contribution to the preparation of Annual Report of the University every year along the lines of NAAC criteria
2. Contribution to the Developmental Plan of the University.
3. Preparation of RAR of the University and its submission to NAAC
4. Co-ordination of University efforts for NAAC Re-Accreditation
5. The IQAC & ERU was conducted one day seminar for Choice Based Credit System (CBCS) in 2010.

7.3 UNIVERSITY & INDUSTRY INTERACTION (I & U CELL)

The U&I Cell has been active after the preparation of a Compendium giving details of the Infrastructure, Testing, and core Competencies available in various PG Departments as well as other sections of the university. Two volumes of the compendium were prepared: **Vol.1** covering the Basic Sciences and Business Management, and **Vol.2** the Humanities and Social Sciences.

THE U&I INTERACTION CELL WORKS WITH THE FOLLOWING SPECIFIC OBJECTIVES:

1. To create database on Need Analysis of Industries in the state
2. To create database on expertise/facilities on the campus
3. To Co-ordinate R & D projects/ consultancy/ sponsored projects / problem solving between University Departments and Industries in the area of Product/ Process development and technology transfer
4. To assist in signing of MOU, promote patent awareness and development of IPR/Patents by the University faculty based on their products and process
5. To help testing/material characterization
6. To offer training programmes relating to professionally oriented fields for small/medium scale industries
7. To keep liaison with various funding agencies and Govt. organizations.

7.4 CELL DEALING WITH CASES RELATED TO SEXUAL HARASSMENT

PERMANENT CELL REGARDING VIOLENCE AND SEXUAL HARASSMENT ON THE UNIVERSITY CAMPUS

The Cell for Cases related to Sexual Harassment has the following as members:

1. Dr Rema Subhash (Chairperson), Professor and Head, Department of Home-Science, Sardar Patel University, Vallabh Vidyanagar
2. Dr Rekhaben Mehta, Professor, Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar
3. Dr Urmilaben H Patel, Professor, Department of Physics, Sardar Patel University, Vallabh Vidyanagar
4. Dr Manjariben Acharya, Reader, Department of Home Science, Sardar Patel University, Vallabh Vidyanagar

5. Dr Nandaben Patel, Reader, Department of Economics, Sardar Patel University, Vallabh Vidyanagar
6. Ms Hinaben Gajjar, Lecturer, NS Patel Arts College, Anand
7. Ms Ketkiben Vyas, Lecturer, Anand Commerce College, Anand
8. One Student Representative from PG Departments nominated by the Vice Chancellor.
9. One Representative amongst the scholars pursuing PhD nominated by the Vice Chancellor.

The committee will meet as and when there arise any case of sexual harassment. Fortunately, there have been no such cases of sexual harassment reported so far in the history of the University. The Cell has been set up to deal with cases of sexual harassment, if any, in future.

7.5 ENVIRONMENT CELL

We have established an Environment Conservation and Management Cell, known as “Environment Cell”, to implement our Environment Policy. It has undertaken many activities for Rainwater Harvesting. On our own initiative, we constructed an underground tank at Vice-Chancellor’s residence for collecting rainwater. The idea generated such interest that such underground tanks were constructed at the residence of Vice-Chairman of Jagrut Mahila Sangathan, Anand and the idea is spreading very fast.

The University dug a bore-well at University Staff Colony to deposit rainwater to raise the level of underground water table. This helped raise the levels of underground water with a remarkable improvement. The Municipal Borough of Vallabh Vidyanagar took interest and dug seven such bore-wells. The cell undertook tree plantation programme on different occasions and more than five hundred trees so planted are being nurtured. The Cell has now begun preparing a Manual for Rainwater Harvesting. A small library with books on environment management, and water management is taking shape at Department of social work under the supervision of this Cell.

7.6 CENTRES FOR TRAINING AND RESEARCH IN LANGUAGE AND COMMUNICATION

CTRLC for short, the Centre for Training and Research in Language and Communication, Sardar Patel University started offering Advanced Certificate Courses in Communication Skills in English from 27 December 2004 on the mandate given by the then Vice Chancellor Dr PJ Patel.

OBJECTIVES

The Centre seeks to achieve the following objectives: (a) designing and offering need-based and short-term courses, (b) creating teaching and learning materials, (c) developing testing packages, (d) providing specialized instruction and training, (e) undertaking extensive market research, (f) conducting comprehensive needs analyses, (g) validating these needs analyses through market research, (h) providing consultancy services, (i) offering counseling of all kinds, and (j) conducting tests and certifying communicative language ability.

USP OF THESE COURSES

- University approved and certified.
- Unavailable in the traditional system of education.
- Designed not only to improve communication skills but also to mould the personality of the participants to give them a cutting edge.
- No clash with regular studies/work because course participants will only be required to put to use in their day-to-day work the skills that they master.
- Study skills, time management skills, research skills, social/people skills etc are on offer.
- Instruction and Training from University teachers, who are experts in the subjects concerned.

- Assurance of Value for Money since the course participants will be able to see for themselves the change in their personality and skills.

TRACK RECORD

The Centre has trained 6 Gujarati students, 1 Chinese scholar, and 18 Thai scholars of this University in 2004-05; and 10 Gujarati students and 20 MBA (NRI) students in 2005-06. It had also trained 11 members of the Anand Consulting Doctors Association (ACDA) and 3 of their spouses in May 2006, and trained 8 Gujarati students and 2 International Scholars in sharpening the communication skills in English in 2006-07. In the year under review, the CTRLC has been working on the data it has been able to collect so far as a part of an internal research projects.

7.7 TEACHING AND RESEARCH INTERWOVEN

- (a) Provision of Research Projects/ Presentation in M Sc
- (b) Mandatory requirement of clearing 8 credit advanced courses by PhD students in the Faculty of Science.
- (c) Special efforts to prepare students to take NET-JRF
- (d) Collaborative Research
- (e) Departmental Research Seminars

7.8 WELFARE SCHEMES FOR SARDAR PATEL UNIVERSITY FRATERNITY

The following welfare schemes are in operation:

A. LOANS FROM GENERAL PROVIDENT FUND (GPF)/CONTRIBUTORY PROVIDENT FUND (CPF)

All the teaching and non-teaching staff are provided interest free loan up to 75% of the contribution of the employee from their own funds deposited in GPF/CPF. The loan is provided for (a) the marriage, (b) other social occasions, (c) cover illness, (d) purchase of a house, (e) purchase of vehicles, and (f) for higher education purpose.

B. GROUP INSURANCE SCHEME

This scheme is available to all teaching and non-teaching staff. Every employee contributes per month to this scheme. In case of a premature death of an employee, the amount is paid to kith and kin of the deceased. If the employee retires after attaining superannuation or voluntary retirement, an employee is paid the amount of his/her contribution after certain deductions.

C. TEACHERS WELFARE FUND

The university has created a separate fund for the welfare of the university teachers and necessary financial assistance is provided to the teachers' kin in case the employee dies in harness, or suffers from physical/mental incapacitation. An amount of 5.2% is deducted from remuneration paid to the teachers against the examination work.

D. MEDICAL FACILITIES FROM THE HEALTH CENTRE

The University Health Centre provides primary health facilities to all the employees and students registered in the University. This is over and above the health facilities available in all the government hospitals as per the norms identified by the Government of Gujarat. The university reimburses the actual expenditure incurred during the illness as per the norms set by the government.

E. KALYAN NIDHI FOR NON-TEACHING STAFF

Every member of the non-teaching staff of the university makes voluntary contribution to fund created to allow the university to make payments to an employee on his/her retirement or sudden demise and provides necessary financial assistance to the non-teaching staff of the university.

F. APNA BAZAAR

The university has set up a separate consumers' cooperative society, viz Sardar Patel University Employees' Consumers Cooperative Store (Apna Bazaar) to provide grocery and other items at the economy rate to the employees who are its members.

G. FREE STUDENTSHIP TO THE WARDS OF ITS CLASS-III AND CLASS-IV EMPLOYEES STUDYING IN SARDAR PATEL UNIVERSITY

The university reimburses full tuition fees in case the wards are studying in grant-in-aid courses and 50% of the tuition fees in case the wards are studying in self-financed courses to the wards of Class-III and Class-IV employees of the university studying in Sardar Patel University.

CHAPTER – 8

LOOKING AHEAD

8.1 PURSE PROGRAMME

The department of Science and Technology of the Government of India, based on SCOPUS database by NISTADS, has selected Sardar Patel University to receive support of Rs. 6.00 crore under the PURSE (Promotion of University Research in Scientific and Excellence) programme. This is based on the research performance of the University. The Vice Chancellor has constituted the following Program Implementation Committee.

1. Prof Harish Padh (Vice Chancellor, Chairperson)
2. Prof SL Manocha
3. Prof Rema Subhash
4. Prof HS Patel
5. Prof BM Thakor

Professor SJ Bhatt has been co-opted as an invited member.

The Committee had prepared a project proposal which was then submitted to the DST and has been approved by the DST. This PURSE program includes Teaching and Research both; and both of these would be of multidisciplinary nature. In the coming year, the University looks ahead for a successful implementation of this program which has already been initiated.

8.2 CISST (Centre for Interdisciplinary Studies in Science and Technology)

A multidisciplinary approach to study and research has now become a demand of the time as a result of the levels at which the contemporary advancement of knowledge in different disciplines have reached. Consequently the university is establishing the CISST for promotion for Interdisciplinary Studies and Research in Science and Technology, in particular, for the implementation of the PURSE Programme. The centre is expected to provide a platform for design and implementation of teaching and research programmes of interdisciplinary nature. The centre has started functioning with Prof. Harish Padh, Vice-Chancellor, as the Director and Prof. AR Jani and Prof. LM Manocha both as the Joint Directors. The University looks ahead for the development of interdisciplinary research activities under the centre. The University also looks ahead to explore the development of non-traditional areas of relevance like Bio-engineering, Biomedical Devices and Technology and Defense Studies.

8.3 NAAC RE-ACCREDITATION OF THE UNIVERSITY

The University was accredited with 4 Stars by NAAC in the year 2000. The University was reaccredited in March 2008 with CGPA 2.75. Not having been satisfied with this, in 2009 the University had gone into the appeal to the NAAC. Accordingly, the NAAC constituted a committee for reassessment of the University. The committee consisted of the following members.

1. Prof. Anil K Bhatnagar (Chairperson)
2. Prof. HC Narang
3. Prof. DN Sansanwal
4. Prof. DK Maheswari
5. Prof PS Jayaramu
6. Prof. Atal Chaudhuri
7. Sujata Shanbhag

The committee visited the University during August 3–6, 2011 for reassessment and reaccreditations. On the basis of this, the NAAC has reaccredited the University with CGPA of 2.83 on 4 point scale at B Grade valid up to September 16, 2016.

8.4 PROMOTION OF RESEARCH

The University has initiated a healthy practice of providing seed money as a project grant especially to the new entrants in the faculty to promote research both in Humanities and Sciences. Simultaneously, programs like workshop on preparation of research project proposals as well as University Research Students Seminars are being organized. The university looks ahead to create a dynamic atmosphere for research on the campus.

8.5 AUTOMATION AND BEAUTIFICATION

The University looks ahead to go in for complete e-administration, and also further beautification of the campus towards infrastructure enhancement.

8.6 AND FURTHER

The editorial board of the Annual Report proudly put on record the fact that the Honorable Vice-Chancellor Professor Harish Padh has been recently awarded on 18th February 2012 at Mumbai the B-School Excellence Award 2012 for out standing contribution to Education in recognition of Leadership, Development and Interface between Institute and Industry;

and the University looks ahead for achievements of higher and higher order by the Honorable Vice-Chancellor, the faculty, the staff and the students. After all, the **EXCELLENCE MATTERS.**